

a) 1 unit =

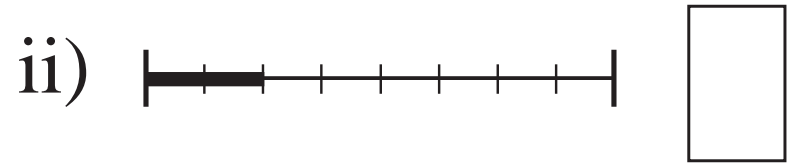
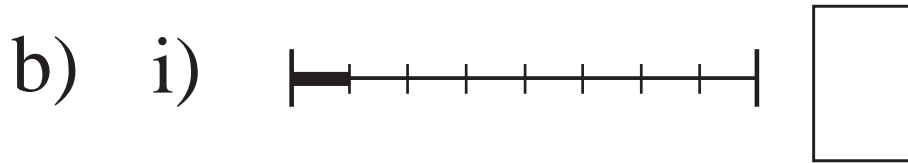
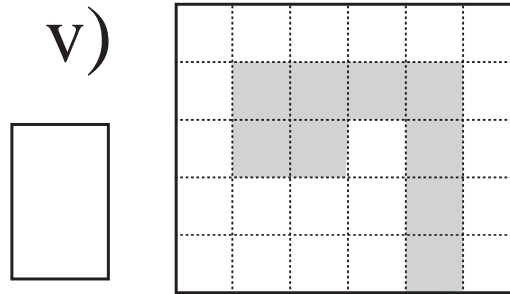
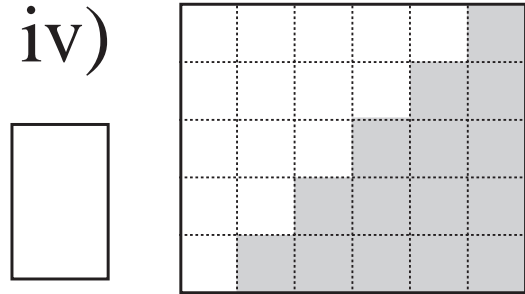
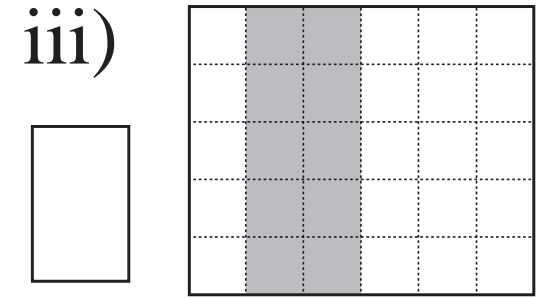
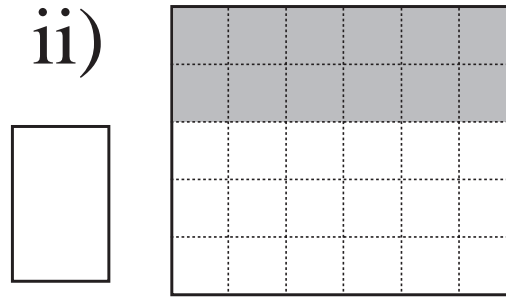
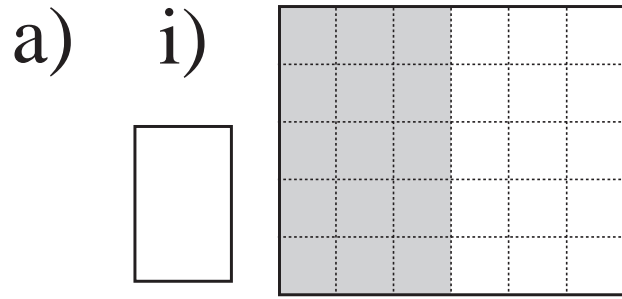
	halves
	thirds
	quarters
	fifths
	sixths
	tenths

b) 3 units =

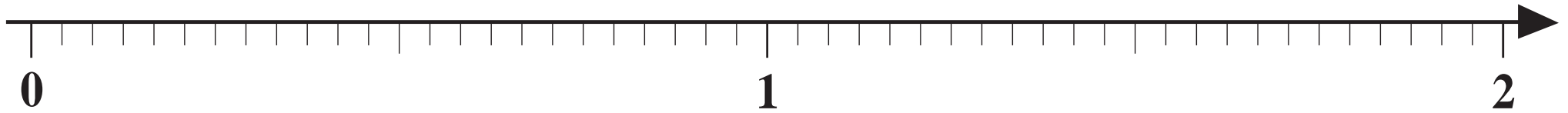
	halves
	thirds
	quarters
	fifths
	sixths
	tenths

c) 1 half =

	quarters
	sixths
	eighths
	tenths
	twelfths

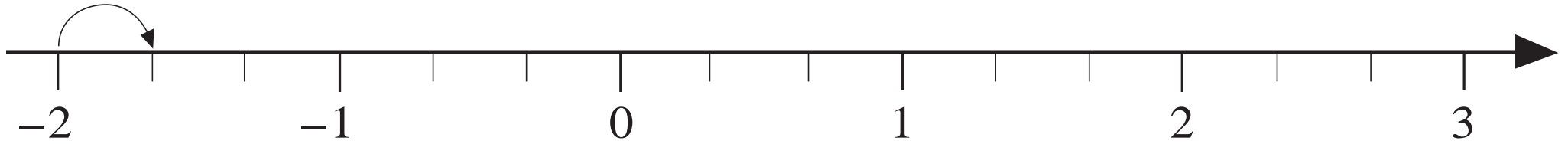


a) $\frac{1}{2}$ $\frac{3}{2}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{4}$ $\frac{4}{3}$ $\frac{7}{24}$ $\frac{16}{8}$ $\frac{5}{6}$ $1\frac{5}{12}$



b) $\frac{3}{4}$, $\frac{2}{11}$, $\frac{6}{5}$, $\frac{1}{3}$, $\frac{6}{7}$, $\frac{5}{10}$, $\frac{9}{6}$, $\frac{4}{5}$, $\frac{4}{3}$, $\frac{3}{2}$

a)



b)



a) $\frac{1}{6} \times 5 =$ ii) $\frac{1}{6} \times 3 =$

iii) $\frac{1}{6} \times 11 =$ v) $\frac{5}{6} \times 2 =$

b) i) $\left(3 + \frac{2}{5}\right) \times 4 =$

ii) $3\frac{2}{5} \times 4 =$

iii) $12\frac{3}{4} \times 5 =$

c) i) $\frac{6}{8} \div 2 =$ ii) $\frac{6}{8} \div 3 =$

iii) $\frac{14}{15} \div 7 =$ v) $\frac{24}{5} \div 4 =$

d) i) $\frac{1}{3} \div 2 =$ i) $\frac{3}{5} \div 2 =$

iii) $\frac{4}{9} \div 5 =$ iv) $\frac{25}{4} \div 3 =$

a) $\frac{4}{5} = \frac{\square}{10} = \frac{12}{\square} = \frac{20}{\square} = \frac{\square}{60} = \frac{60}{\square} = \frac{88}{\square} = \frac{\square}{1000} = \frac{80}{\square} =$

b) $\frac{7}{4} = \frac{14}{\square} = \frac{\square}{20} = \frac{49}{\square} = \frac{\square}{84} = \frac{210}{\square} = \frac{\square}{100} = \frac{\square}{1000} =$

c) $8.16 = 8.\square\square\square = 8.\square\square\square\square = \frac{\square}{100} = \square \frac{\square}{100} = \frac{816}{\square}$

d) $\frac{7}{81} = \frac{\square}{72} = \frac{\square}{63} = \frac{\square}{54} = \frac{\square}{27} = \frac{\square}{18} = \frac{\square}{9} =$

a) $\frac{2}{5} = \frac{\square}{10} = \frac{20}{\square} = \frac{6}{\square} = \frac{\square}{20} = \frac{\square}{35} = \frac{18}{\square} = \frac{\square}{100} = \frac{\square}{75} = \frac{\square}{1000}$

b) $\frac{14}{10} = \frac{7}{\square} = \square.\square = \frac{\square}{30} = \square \frac{2}{\square} = 1 \frac{\square}{100} = \frac{\square}{50} = \frac{70}{\square} = \square \frac{40}{\square}$

c) $2.03 = 2.\square\square\square = 2.\square\square\square\square = \frac{\square}{100} = \square \frac{\square}{100} = \frac{2030}{\square}$

d) $\frac{60}{72} = \frac{\square}{36} = \frac{\square}{24} = \frac{\square}{18} = \frac{\square}{12} = \frac{\square}{9} = \frac{\square}{6}$

a) i) $\frac{1}{8} + \frac{5}{8} =$ ii) $\frac{2}{10} + \frac{7}{10} + \frac{3}{10} =$

iii) $\frac{6}{7} - \frac{2}{7} =$ iv) $\frac{4}{5} + \frac{7}{5} - \frac{9}{5} =$

b) i) $1\frac{4}{5} + 2\frac{1}{5} + 8\frac{3}{5} =$

ii) $3 - \frac{7}{12} =$

iii) $2\frac{4}{9} + \frac{2}{9} - 1\frac{5}{9} =$

iv) $5\frac{3}{8} - 3\frac{5}{8} =$

c) i) $\frac{1}{2} + \frac{1}{4} =$

ii) $\frac{5}{6} + \frac{4}{3} =$

iii) $\frac{11}{12} + \frac{2}{3} - \frac{3}{4} =$

iv) $1\frac{3}{10} + \frac{4}{5} - \frac{3}{2} =$

a) $\frac{1}{9} \times 9 =$

b) $\frac{1}{6} \times 1 =$

c) $\frac{1}{11} \times 5 =$

d) $\frac{4}{7} \times 7 =$

e) $\frac{3}{4} \times 2 =$

f) $\frac{7}{8} \times 4 =$

g) $\frac{5}{12} \times 3 =$

h) $\frac{7}{20} \times 10 =$

i) $3\frac{1}{4} \times 3 =$

j) $6\frac{1}{3} \times 6 =$

k) $8\frac{1}{2} \times 9 =$

l) $\frac{13}{10} \times 3 =$

m) $\frac{3}{8} \div 3 =$

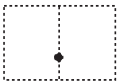
n) $\frac{2}{13} \div 2 =$

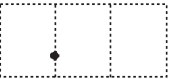
o) $\frac{13}{20} \div 4 =$

p) $\frac{3}{5} \div 6 =$

q) $\frac{21}{20} \div 7 =$

r) $\frac{21}{20} \div 4 =$

a) $\frac{4}{5} = \frac{\square}{10} = \frac{12}{\square} = \frac{20}{\square} = \frac{\square}{60} = \frac{60}{\square} = \frac{88}{\square} = \frac{\square}{1000} = \frac{80}{\square} =$ 

b) $\frac{7}{4} = \frac{14}{\square} = \frac{\square}{20} = \frac{49}{\square} = \frac{\square}{84} = \frac{210}{\square} = \frac{\square}{100} = \frac{\square}{1000} =$ 

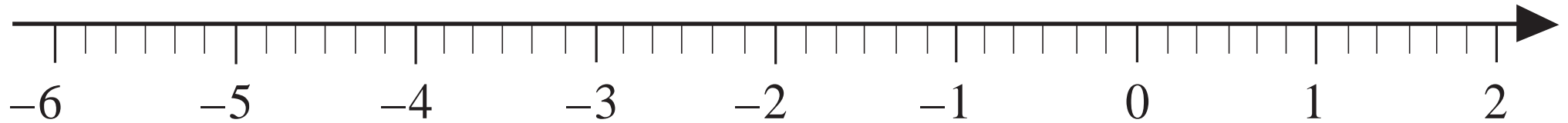
c) $8.16 = 8.\square\square\square = 8.\square\square\square\square = \frac{\square}{100} = \square \frac{\square}{100} = \frac{816}{\square}$

a) $\frac{160}{240} =$

b) $\frac{240}{160} =$

c) $-\frac{72}{12} =$

d) $-\frac{12}{72} =$



a) $\frac{1}{2} - \left(\frac{1}{8} + \frac{1}{4} \right) =$

b) $\frac{2}{5} - \left(\frac{1}{10} - \frac{1}{20} \right) =$

c) $2\frac{5}{6} - \left(1\frac{1}{2} - \frac{2}{3} \right) =$

d) $3.16 - (1.2 + 0.5) =$

e) $4.03 - (2.1 - 0.8) =$

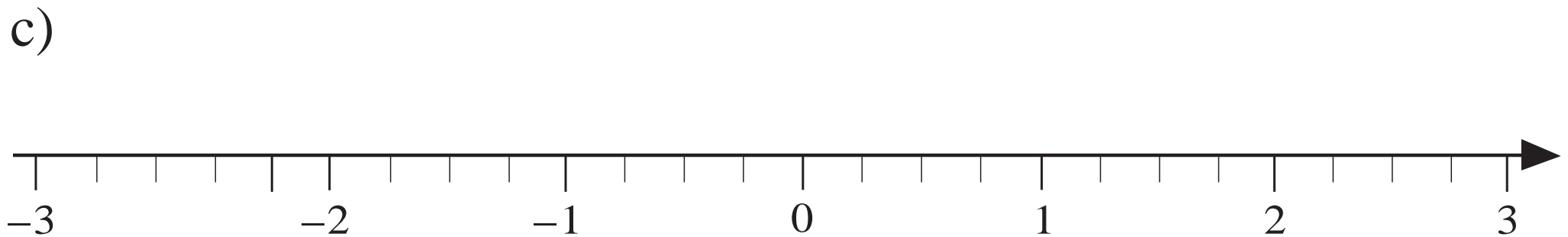
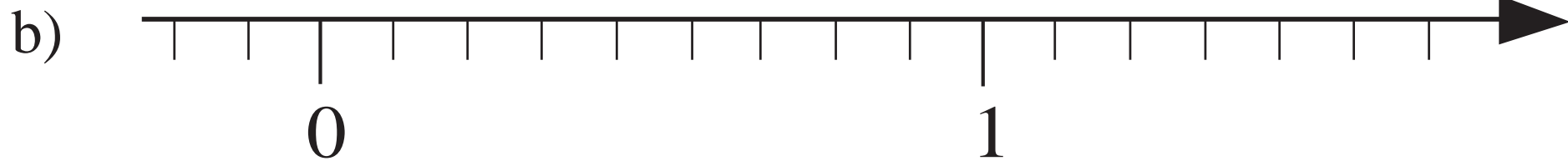
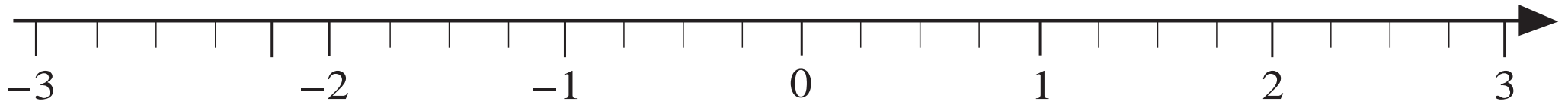
f) $3.18 - (0.6 - 1.2) =$

g) $\frac{3}{2} + \left(-\frac{5}{2} \right) =$

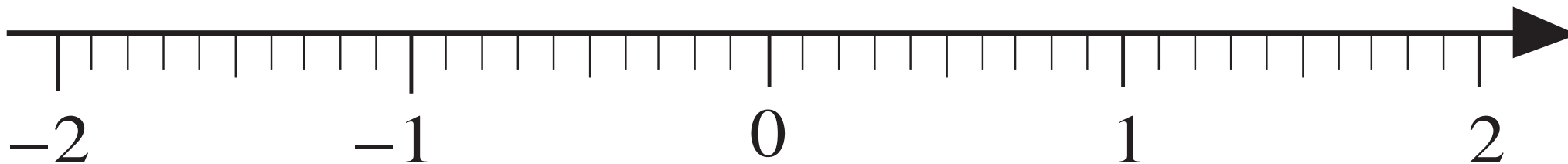
h) $\frac{5}{8} - \left(-\frac{1}{4} \right) =$

i) $-\frac{4}{9} - \left(-\frac{2}{3} \right)$

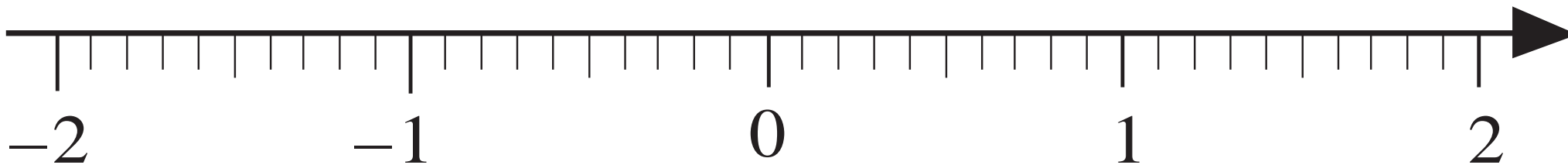
a) $+3$ 0 -2.25 $\frac{5}{2}$ -3 $+\frac{7}{4}$ $-\frac{5}{2}$ $+\frac{3}{4}$



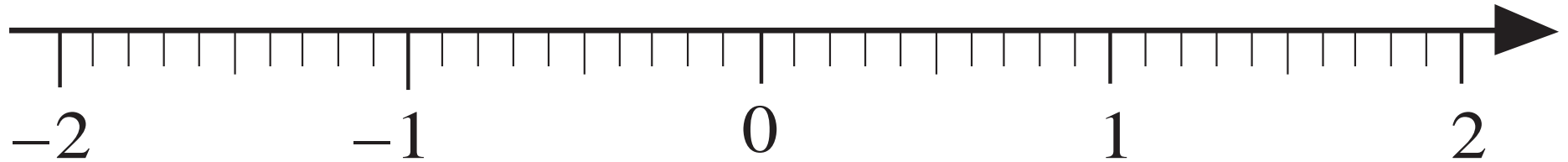
a) $x < 1\frac{3}{4}$



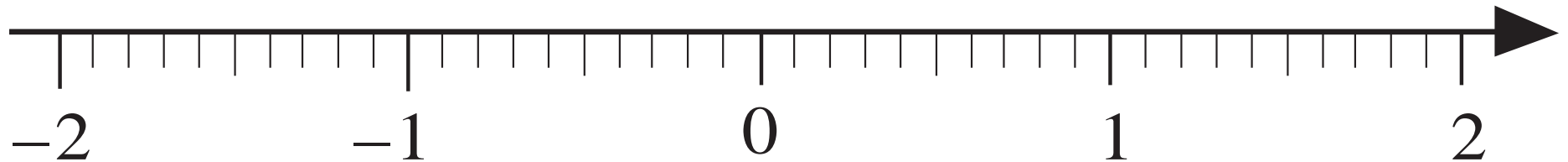
b) $x \leq 1\frac{3}{4}$



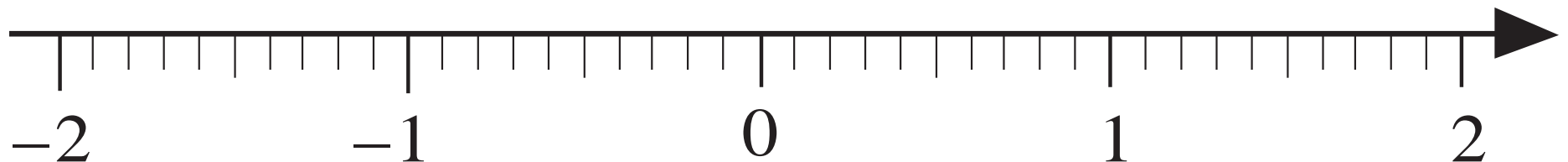
- a) Numbers which are less than $+2$ but are **not** less than (-1.5) .



- b) $-1.5 \leq x < 2$, and x is a whole number



- c) $-x < 1.2$



a) i) $\frac{3}{5} + \frac{4}{5} =$

ii) $\frac{7}{15} - \frac{3}{15} =$

iii) $\frac{4}{9} + \frac{11}{9} - \frac{20}{9} =$

iv) $3\frac{3}{6} + 2\frac{2}{6} - 4\frac{1}{6} =$

b) i) $\frac{2}{5} + \frac{4}{15} =$

ii) $\frac{5}{28} + \frac{2}{7} - \frac{3}{14} =$

iii) $3\frac{5}{8} - \frac{7}{4} =$

iv) $4 - 2\frac{5}{9} =$

c) i) $13.4 - (10.25 - 5.6) =$

ii) $13.4 - 10.25 + 5.6 =$

d) i) $-5.6 - (+3.1) + (-4.5) - (-2.7) =$

ii) $-5.6 - 3.1 - 4.5 + 2.7 =$

a) i) $0.27 =$

ii) $0.46 =$

iii) $10.35 =$

iv) $103.5 =$

b) i) $0.25 =$

ii) $0.50 =$

iii) $0.75 =$

iv) $7.25 =$

c) i) $0.125 =$

ii) $0.375 =$

iii) $0.625 =$

iv) $0.875 =$

a) $\frac{1}{2} =$ $\frac{2}{2} =$ $\frac{3}{2} =$ $5\frac{1}{2} =$ $-16\frac{1}{2} =$

b) $\frac{1}{4} =$ $\frac{2}{4} =$ $\frac{3}{4} =$ $\frac{4}{4} =$ $\frac{135}{4} =$

c) $\frac{1}{8} =$ $\frac{3}{8} =$ $\frac{5}{8} =$ $\frac{6}{8} =$ $\frac{7}{8} =$

d) $\frac{1}{5} =$ $\frac{2}{5} =$ $\frac{3}{5} =$ $\frac{4}{5} =$ $\frac{9}{5} =$

e) $\frac{1}{3} =$ $\frac{2}{3} =$ $\frac{3}{3} =$ $\frac{4}{3} =$ $2\frac{1}{3} =$

f) $\frac{1}{6} =$ $\frac{2}{6} =$ $\frac{3}{6} =$ $\frac{4}{6} =$ $\frac{5}{6} =$

g) $\frac{1}{9} =$ $\frac{2}{9} =$ $\frac{4}{9} =$ $\frac{5}{9} =$ $\frac{7}{9} =$

a) i) $\frac{5}{8} \times 4 =$

ii) $\frac{7}{10} \times 2 =$

iii) $\left(-\frac{3}{28}\right) \times 7 =$

iv) $\frac{6}{35} \times (-5) =$

v) $\left(-\frac{5}{8}\right) \times (-2) =$

b) i) $\frac{2}{3} \times 3 =$

ii) $\frac{3}{8} \times 8 =$

iii) $\frac{5}{13} \times 13 =$

iv) $-\frac{7}{9} \times 9 =$

v) $\frac{3}{25} \times (-25) =$

vi) $\left(-\frac{8}{17}\right) \times (-17) =$

a) i) $\frac{5}{3}$ of 60 =

ii) $60 \times \frac{5}{3} =$

b) i) $\frac{11}{18}$ of 6 =

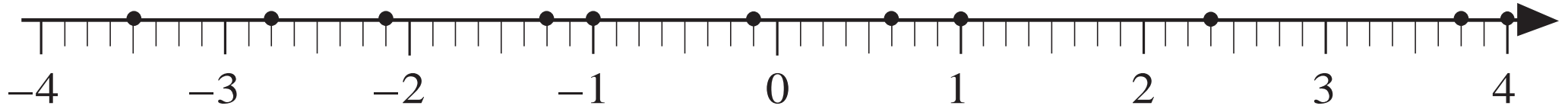
ii) $6 \times \frac{11}{18} =$

c) i) $\frac{7}{3}$ of 8 =

ii) $8 \times \frac{7}{3} =$

d) i) $\frac{17}{5}$ of 15 =

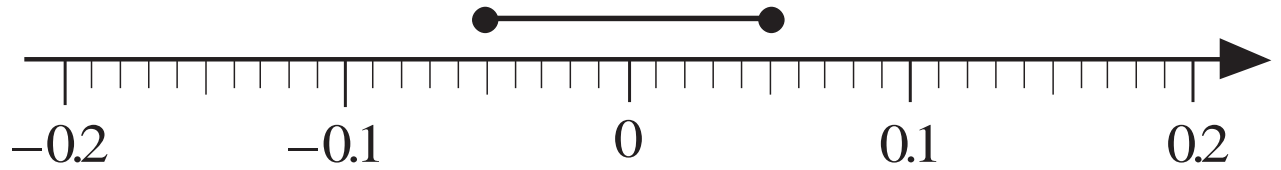
ii) $15 \times \frac{17}{5} =$



LP 40/1

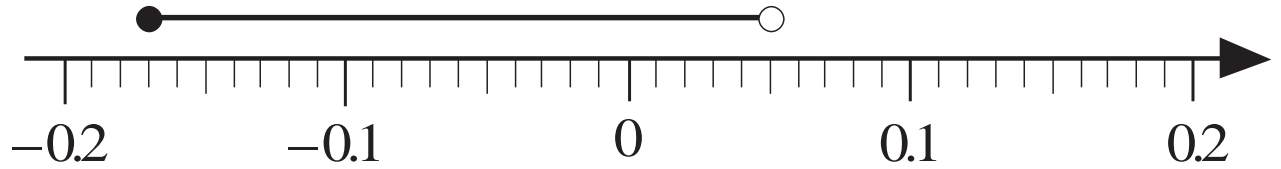
a)

.....



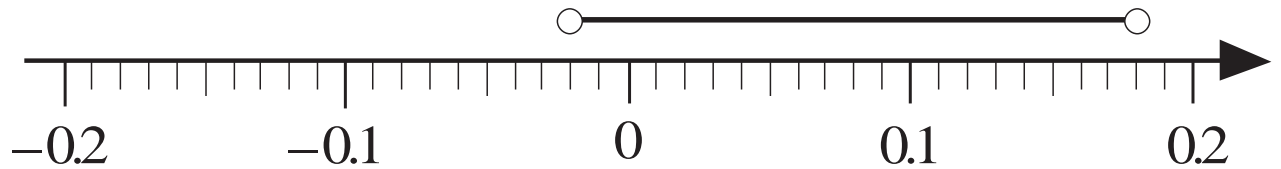
b)

.....



c)

.....



LP 40/3

a) i) $\frac{4}{9} + \frac{2}{9} =$ ii) $\frac{11}{12} - \frac{5}{12} =$

iii) $\frac{13}{20} + \frac{3}{10} - \frac{21}{20} =$

iv) $8\frac{2}{5} - 7\frac{3}{10} + 2\frac{1}{2} =$

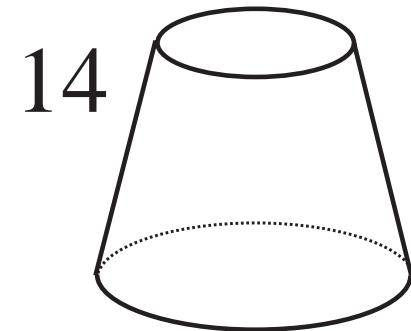
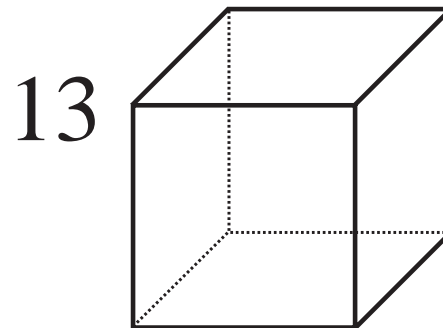
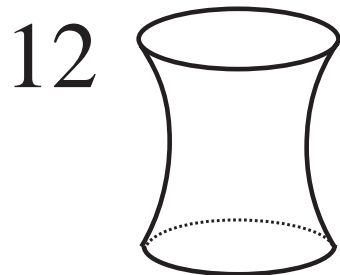
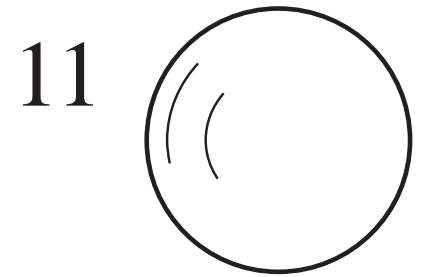
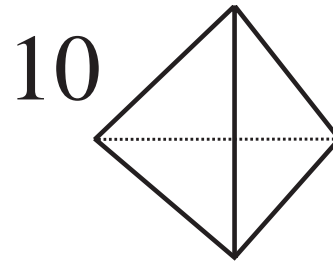
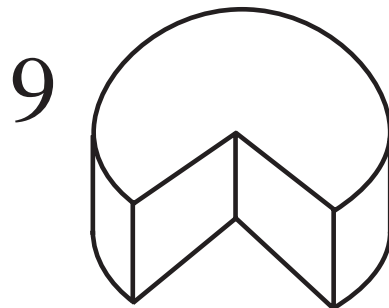
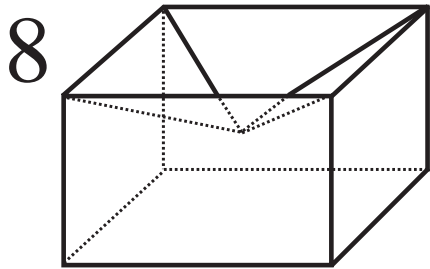
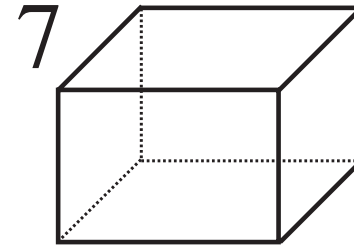
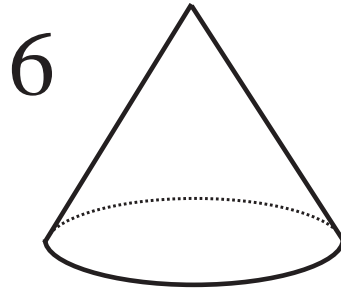
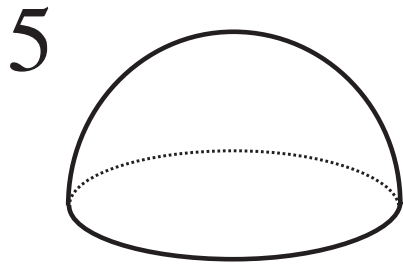
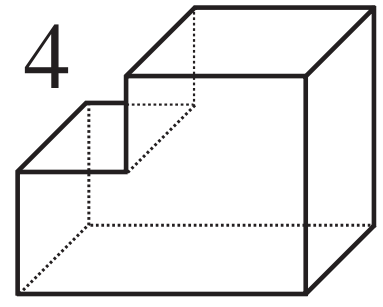
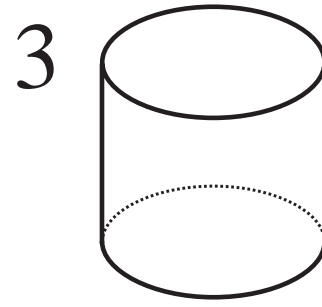
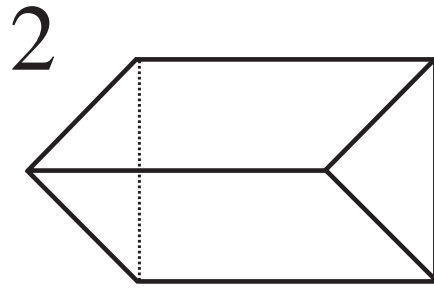
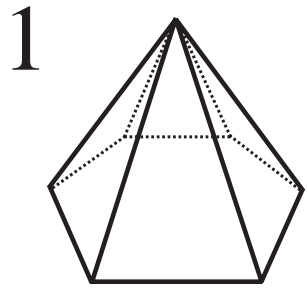
b) i) $\frac{3}{4} + \frac{9}{16} =$ ii) $\frac{3}{100} + \frac{1}{4} - \frac{1}{5} =$

iii) $11\frac{5}{13} - \frac{29}{26} =$ iv) $8 - 3\frac{5}{7} =$

c) i) $139 - (20.7 - 5.8) =$ ii) $45.33 - 8.03 + 9.1 =$

d) i) $-4.4 - (+5.5) + (-3.3) - (-2.2) =$

ii) $-100 - 54.35 - 17.98 + 20.6 =$

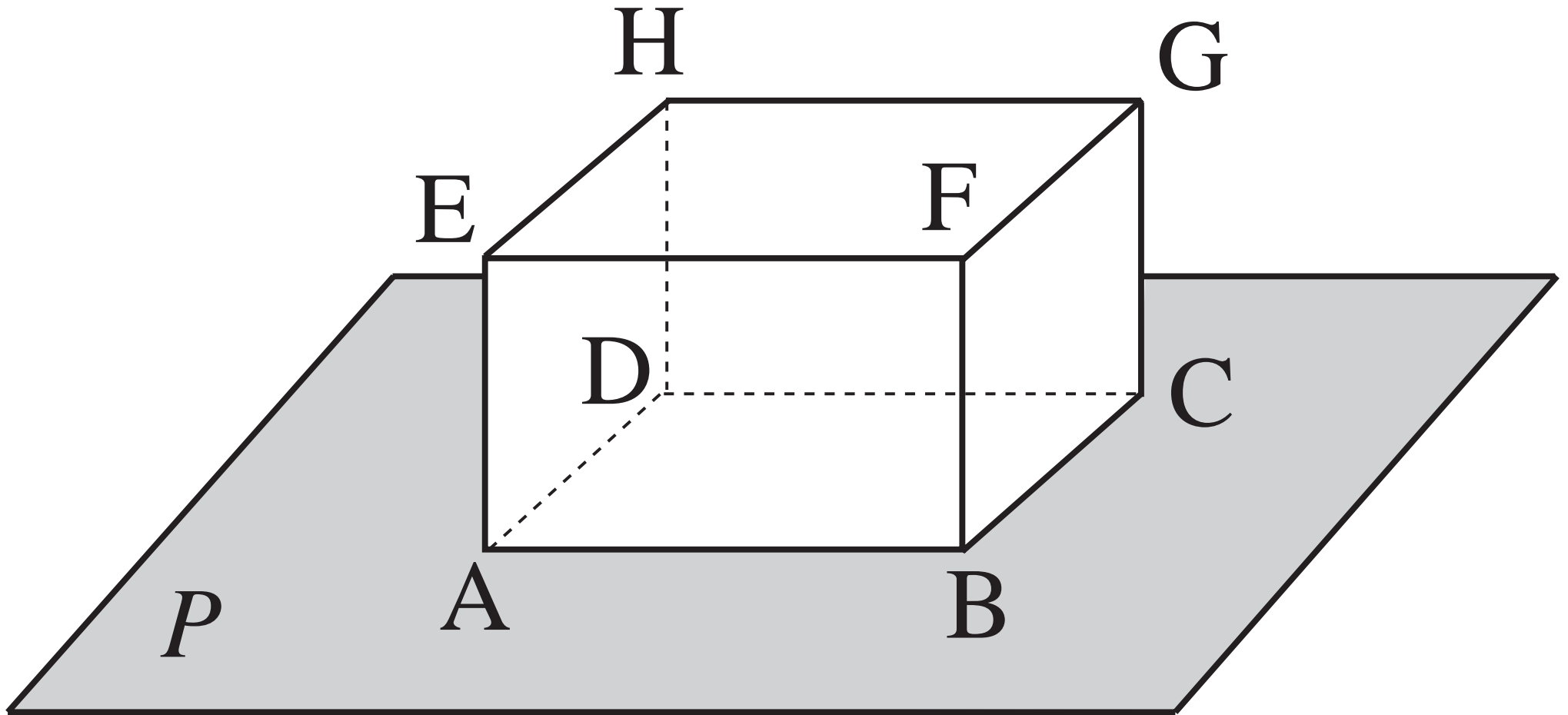


- a) It has only plane faces.
- b) It has at least one plane face.
- c) It has at least 2 plane faces.
- d) It has perpendicular faces.
- e) It has at least one triangular face.
- f) It has only rectangular faces.
- g) It has at least 2 parallel edges.
- h) It has perpendicular edges.

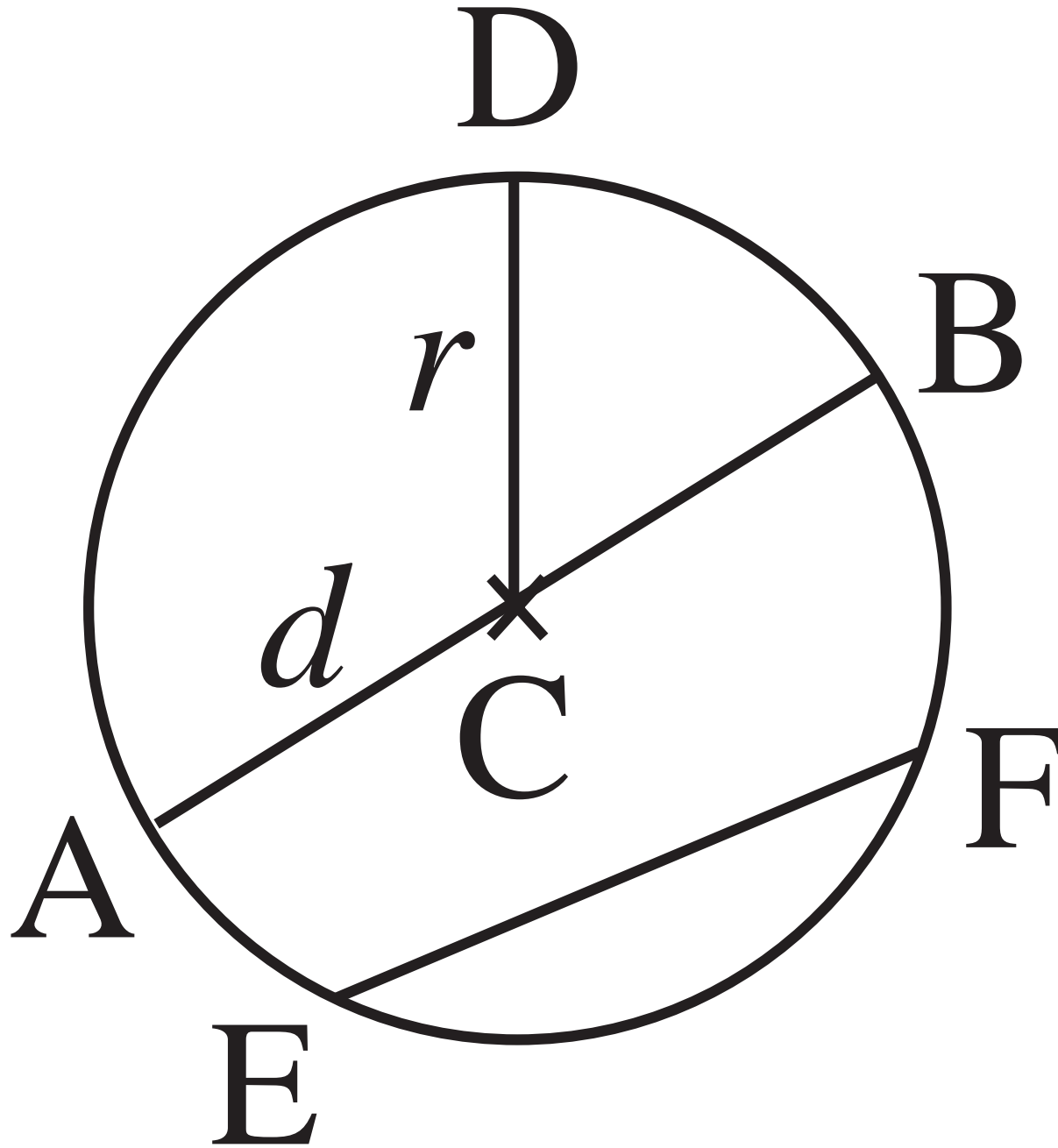
Solid	1							
Number of faces								
Number of edges								
Number of vertices								

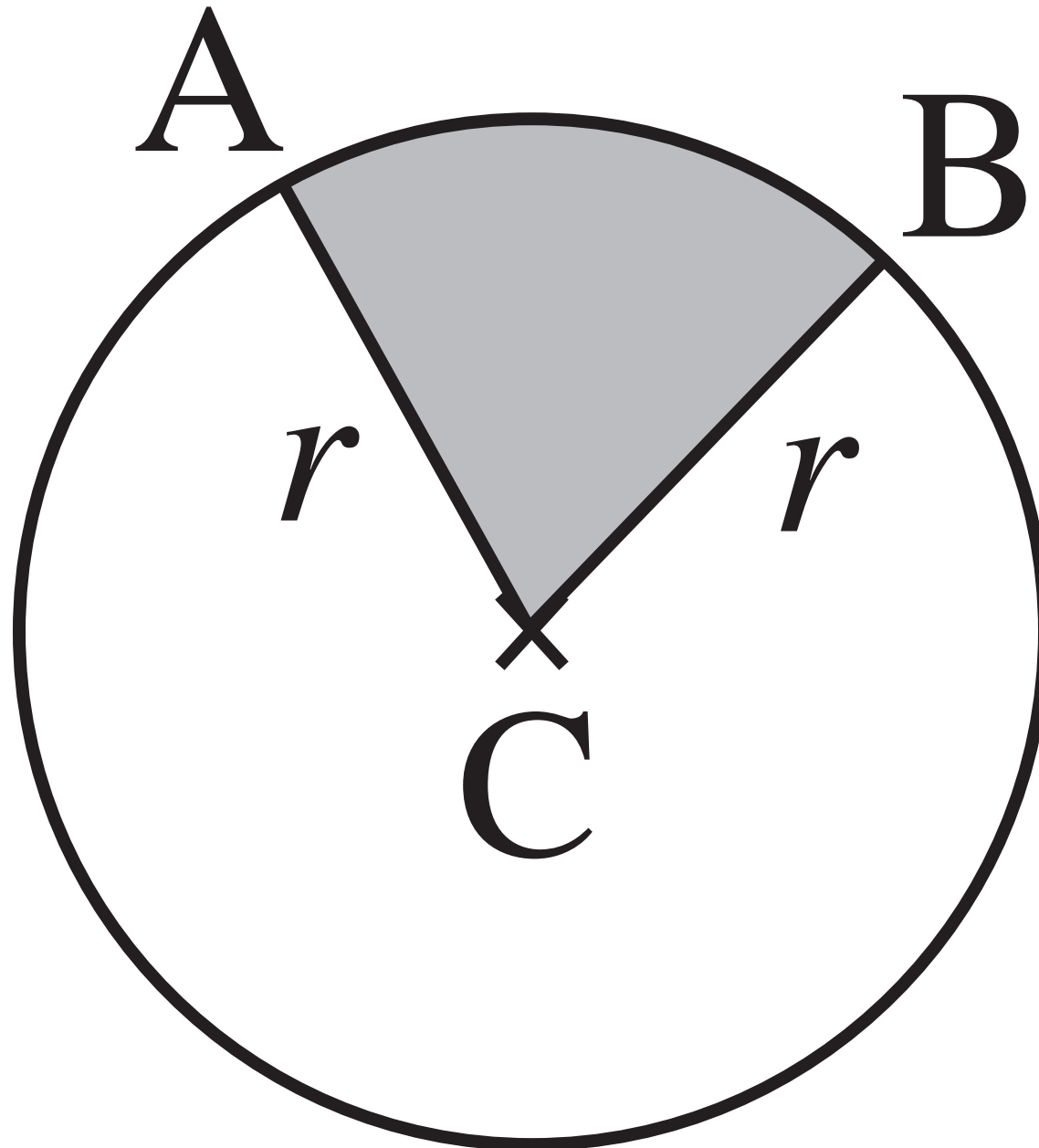
- a) When we divide up a surface, the surface pieces are bounded by .
- b) A line can be curved or .
- c) When we divide up a line, the segments start and end with .
- d) A point on a straight line divides the line into **half lines** or **rays**.
- e) The part of a straight line between two different points is called a .

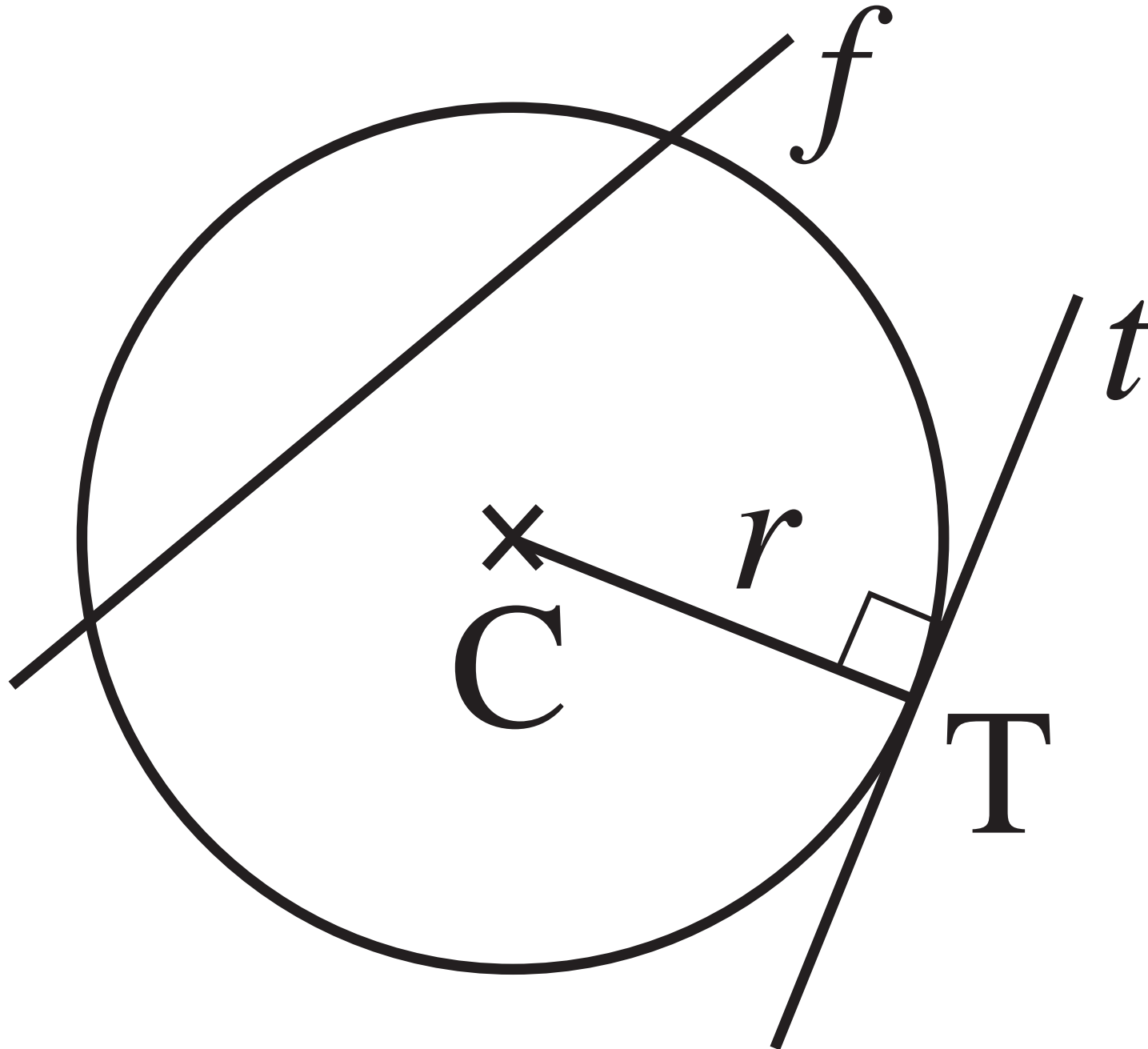
- f) A straight line in a plane divides that plane into half planes.
- g) Two different **parallel** lines divide their plane into parts.
- h) Two **intersecting** lines divide their plane into parts.
- i) A **plane** divides space into half spaces.
- j) Two planes can be or intersecting.



- a) The line segment joining the **centre** of a circle (C) and a point (D) on its **circumference** is called the .
- b) A section between two **points** on the circumference is called an .
- c) A **chord** which lies on the centre of the circle is called the .
- d) Two points on the circumference divide it into **arcs**.
- e) Two **radii** of a circle divide the circle into **sectors**.
- f) A chord divides the circle into segments.
- g) Line f is an and line t is a of the circle.



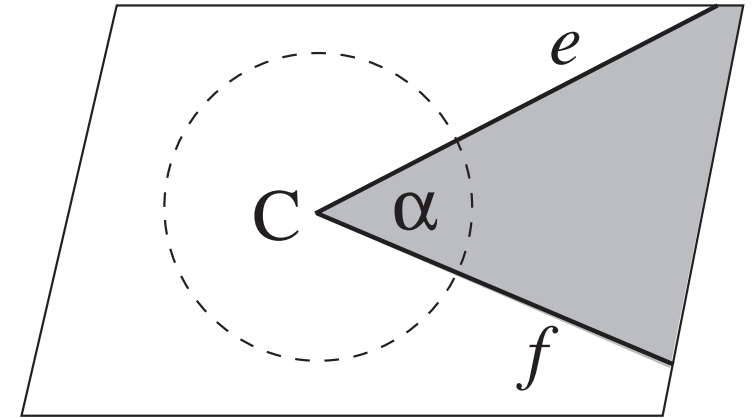




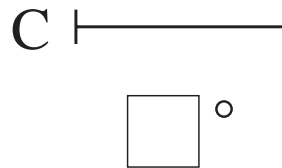
a) The two half lines (e and f) form two

b) C is the and e and f are

the of the angle α .

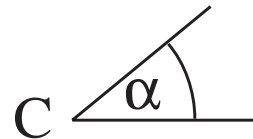


c) **null angle**



$$\square^\circ$$

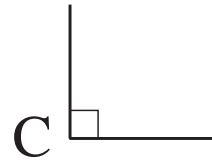
angle



$$0^\circ < \alpha < 90^\circ$$

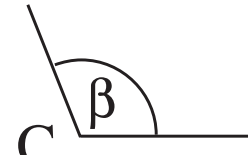
(alpha)

angle



$$90^\circ$$

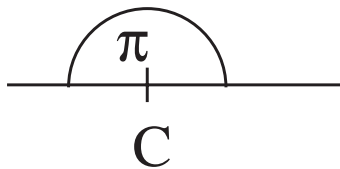
angle



$$90^\circ < \beta < 180^\circ$$

(beta)

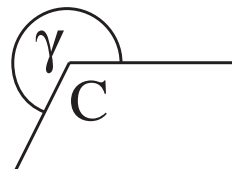
angle



$$\pi = 180^\circ$$

(pi)

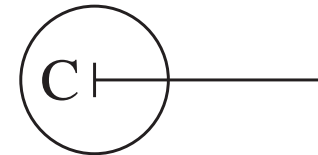
reflex angle



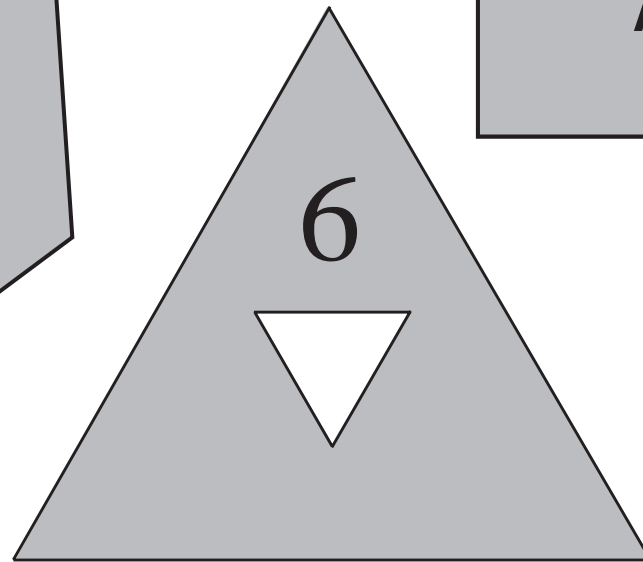
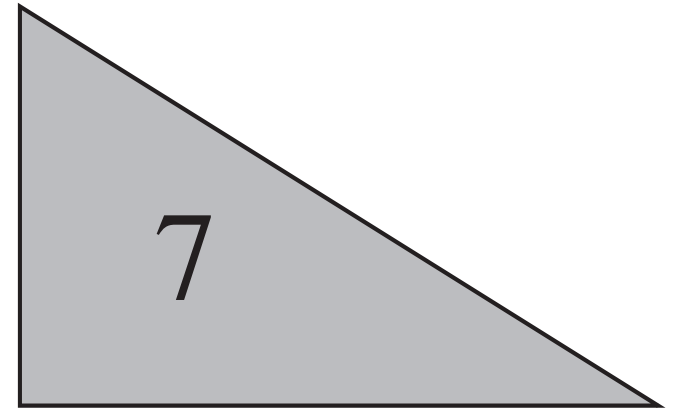
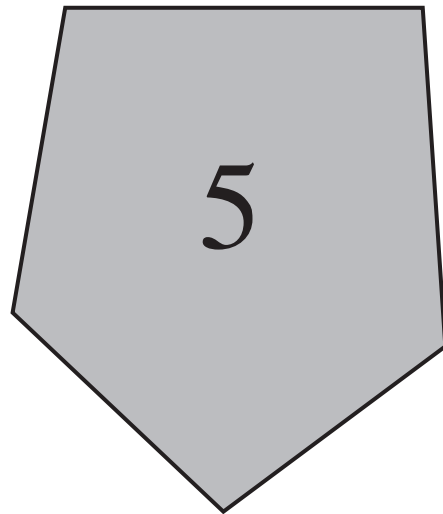
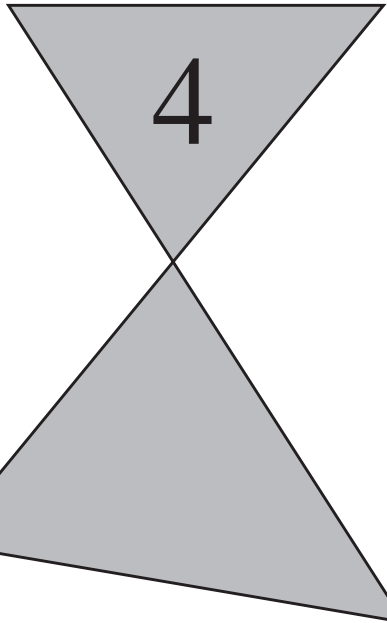
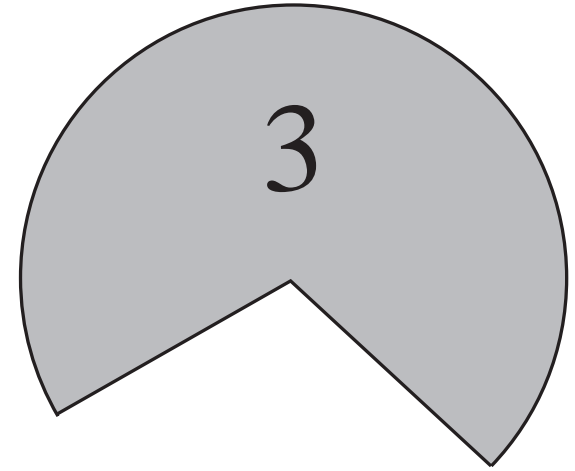
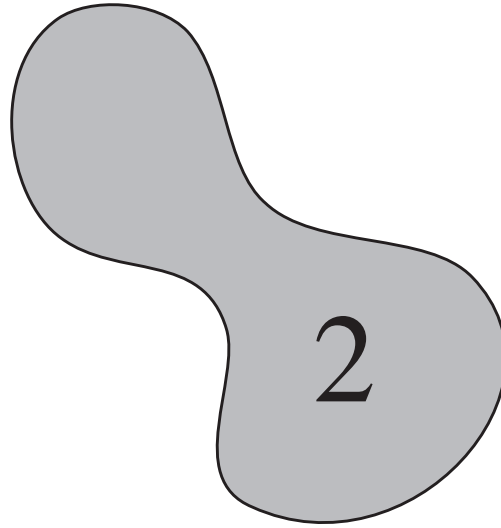
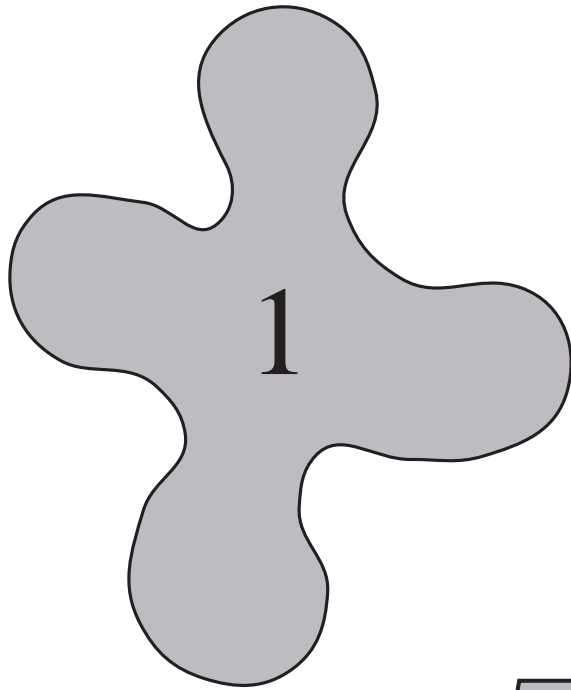
$$180^\circ < \gamma < \square^\circ$$

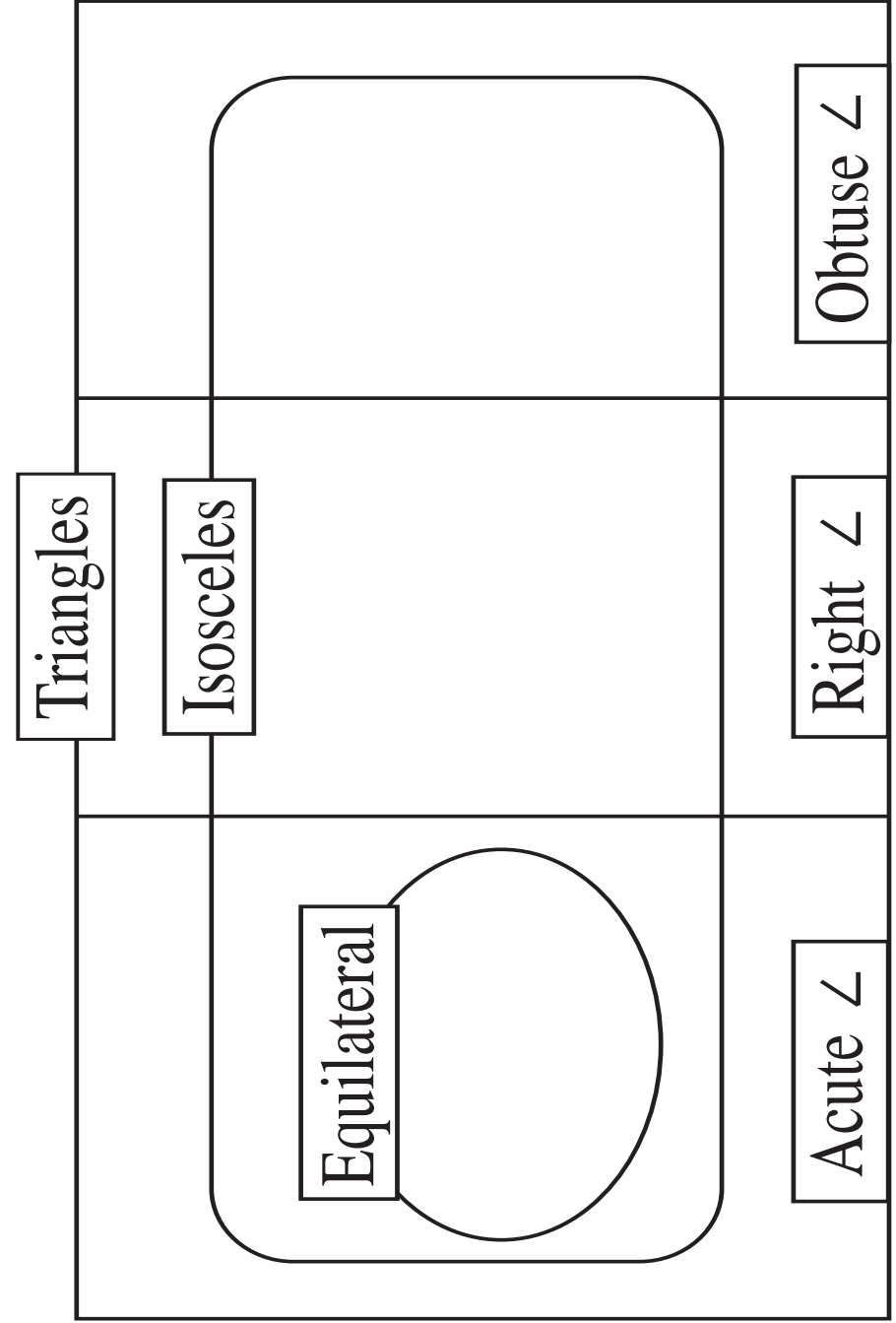
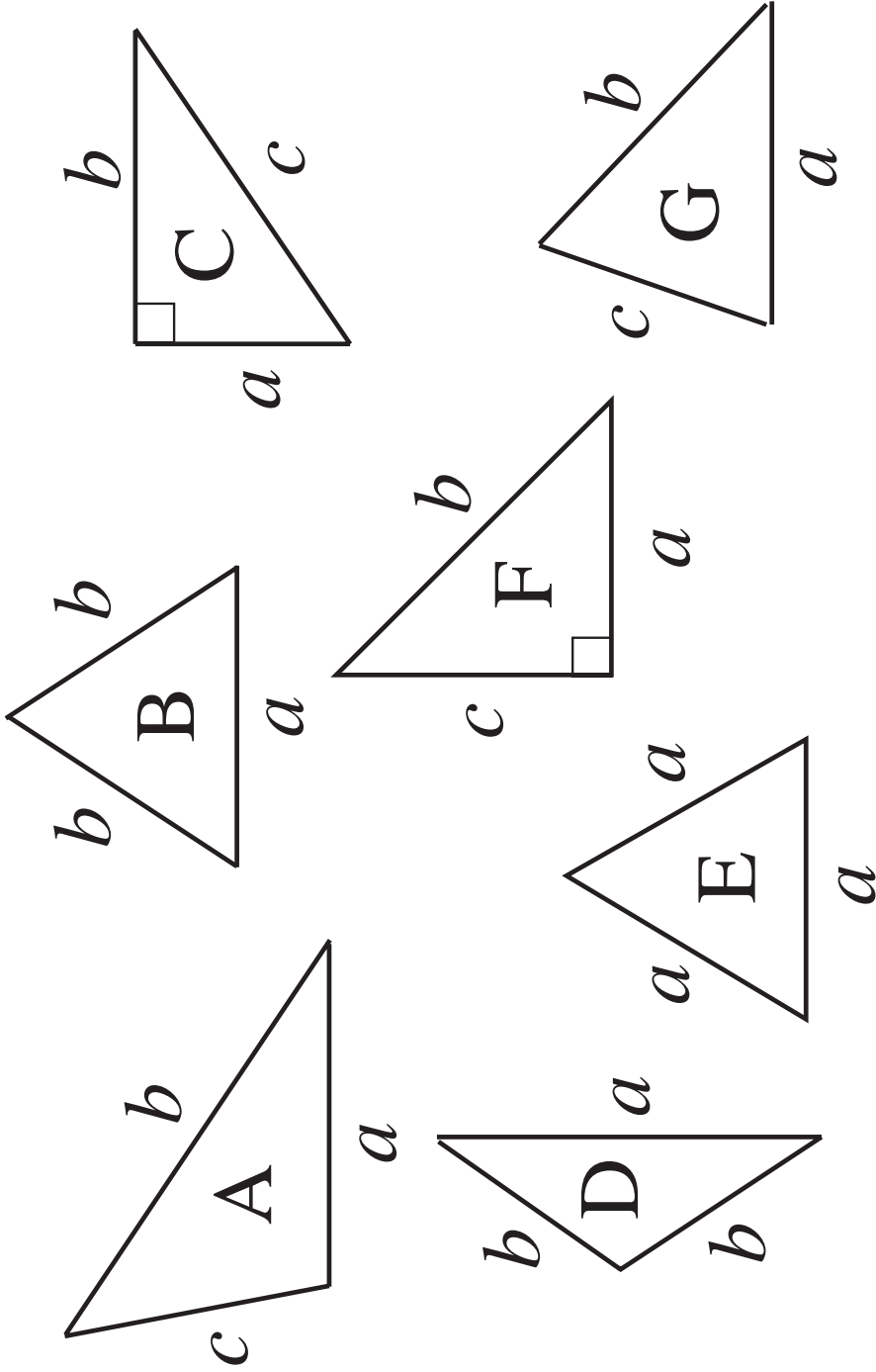
(gamma)

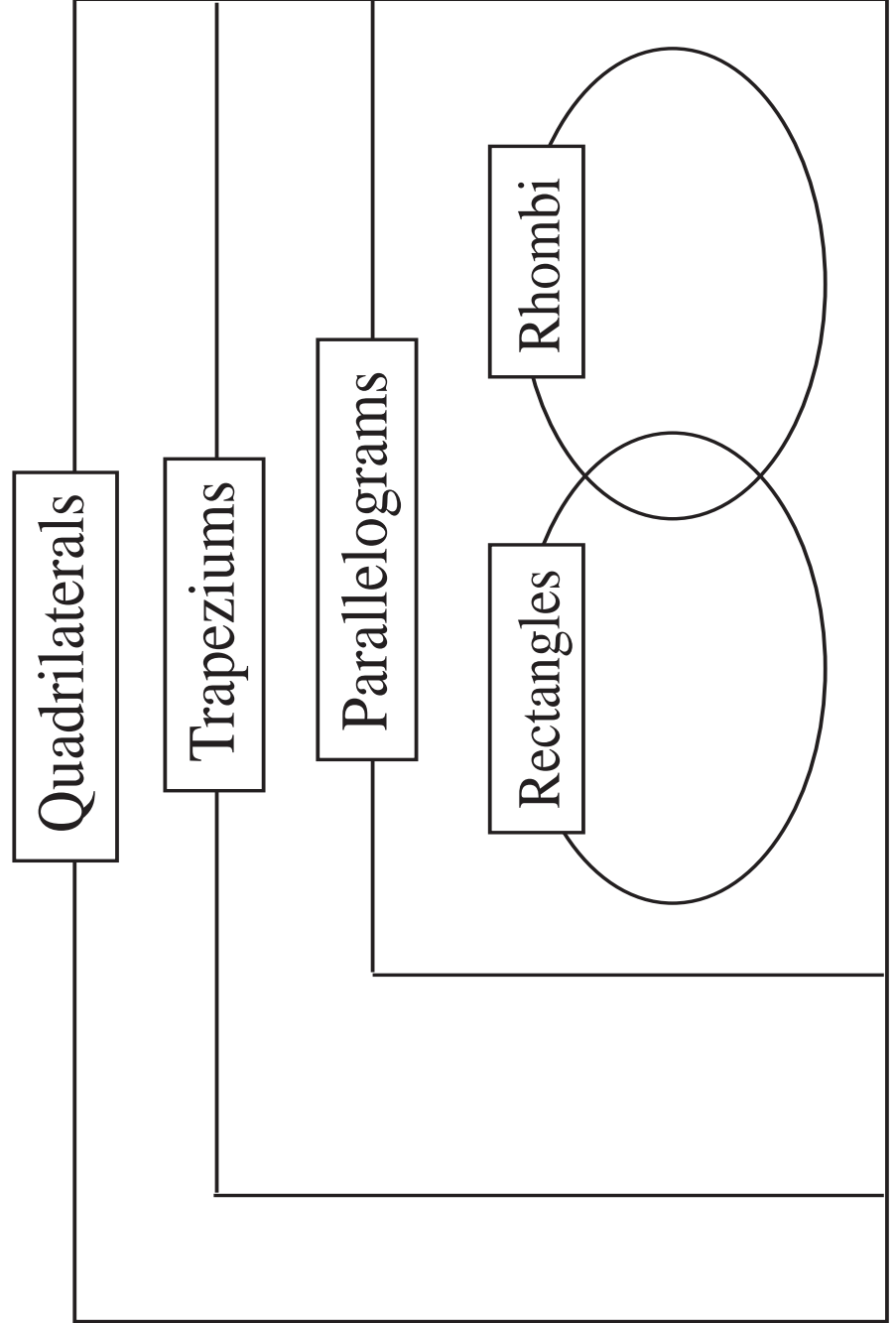
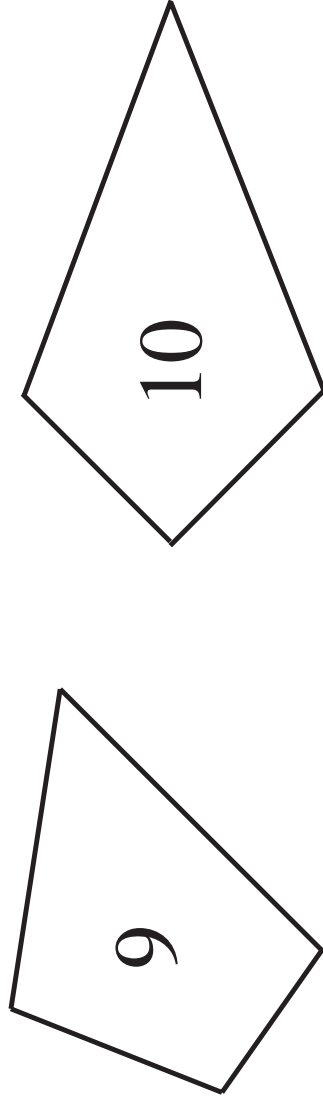
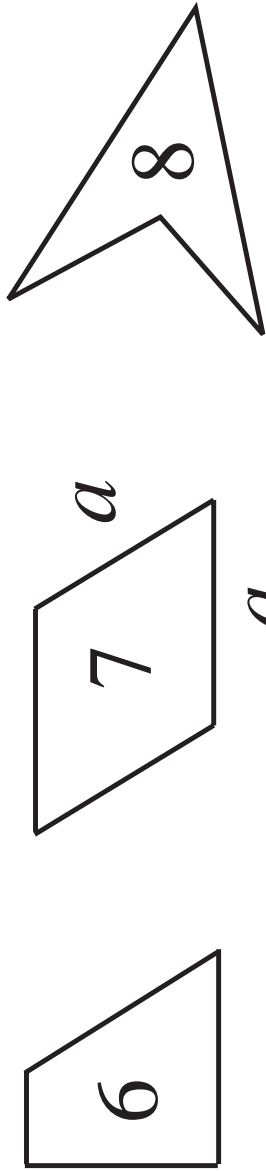
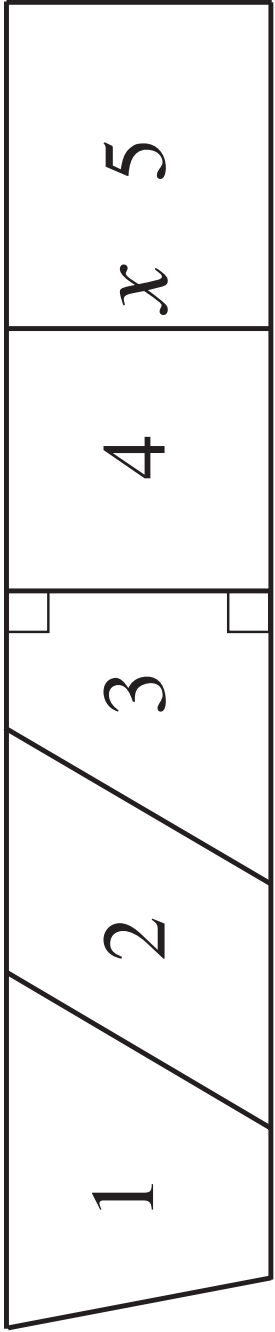
whole angle

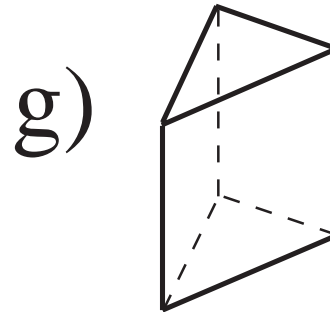
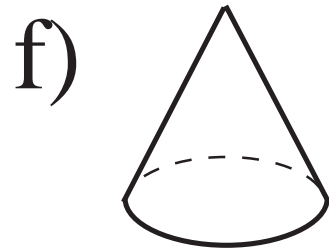
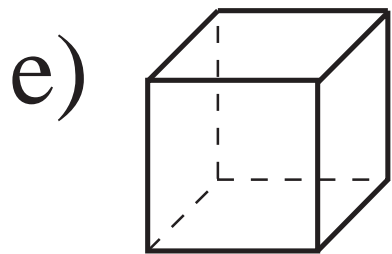
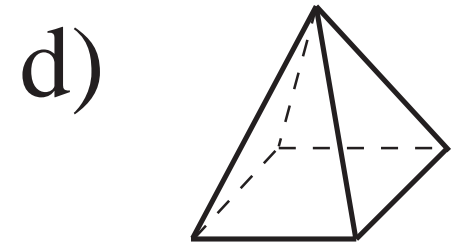
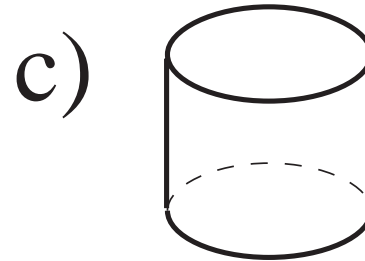
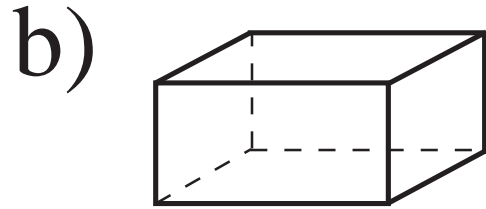
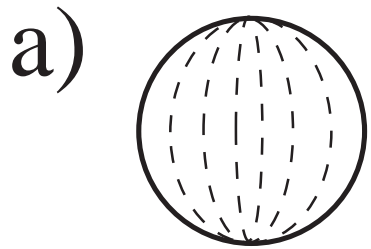


$$\square^\circ$$

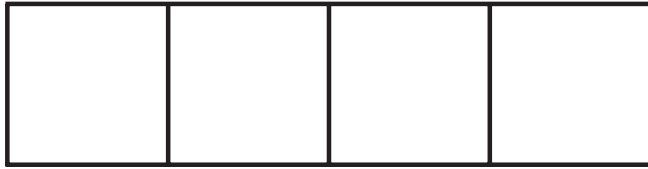




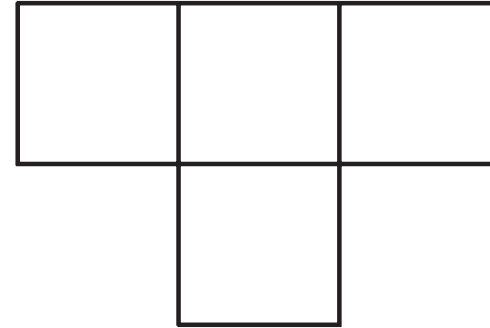




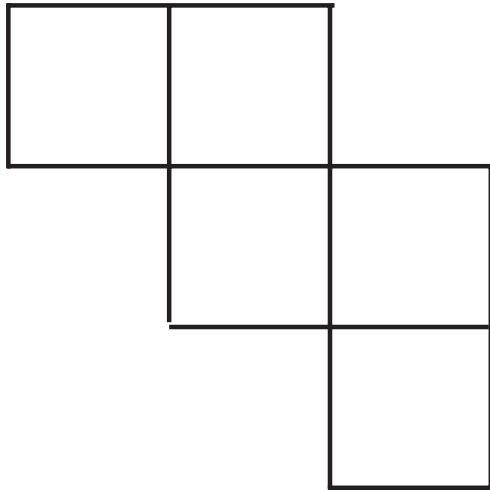
a)

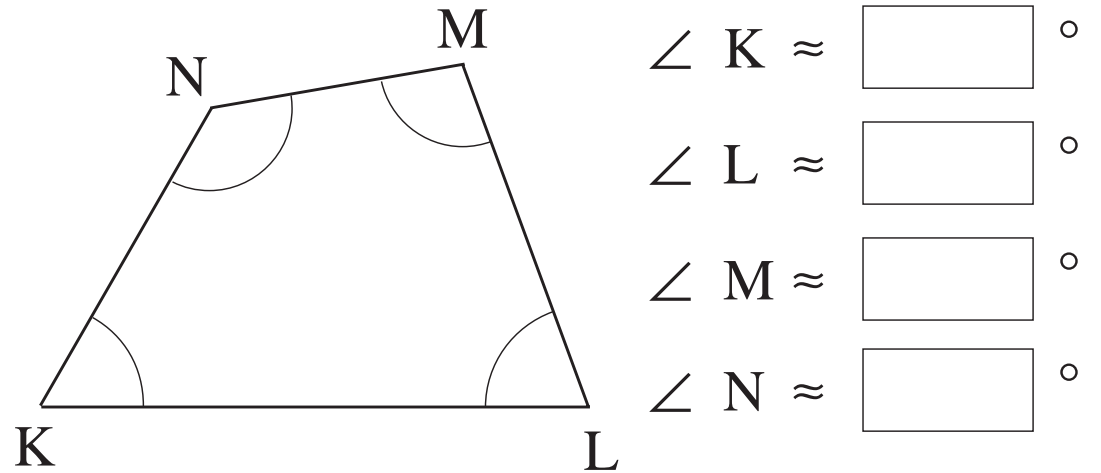
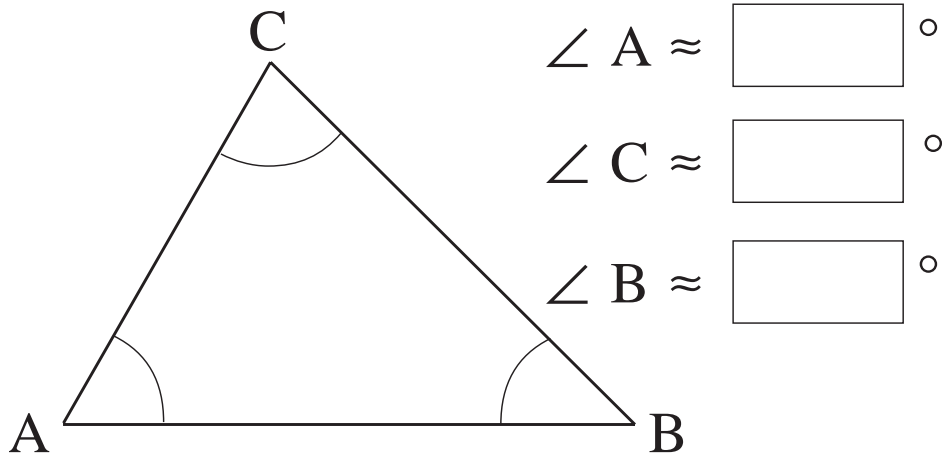
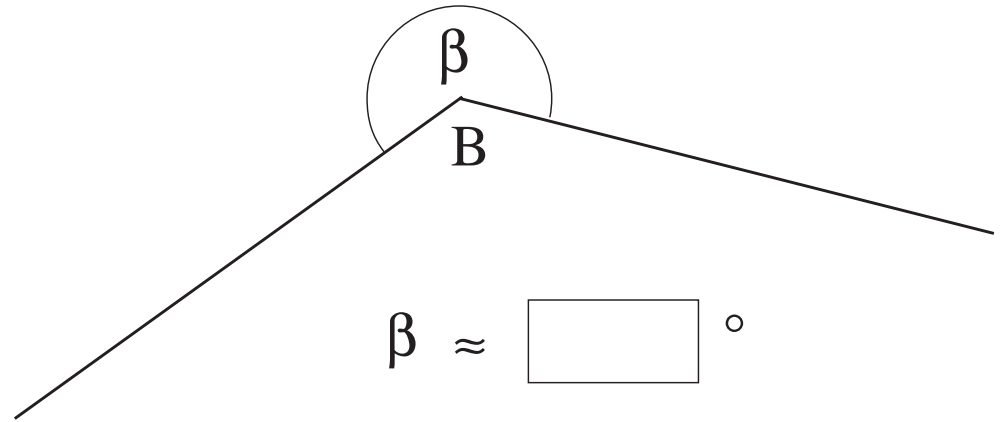
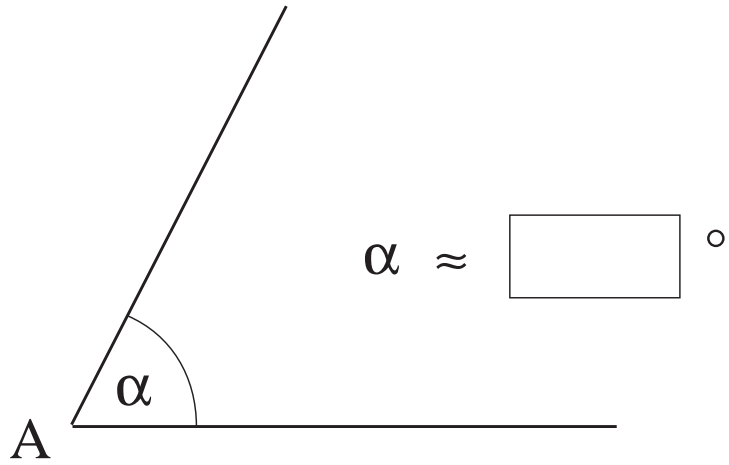


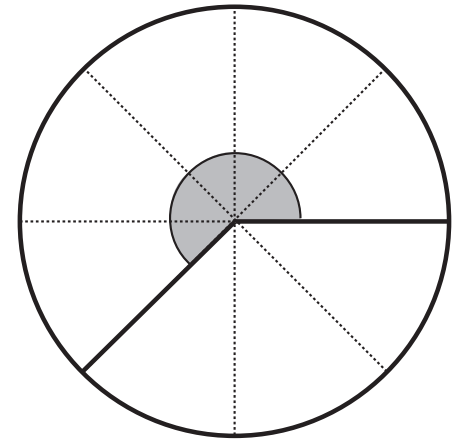
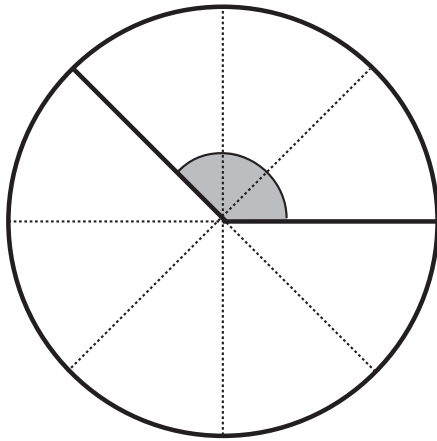
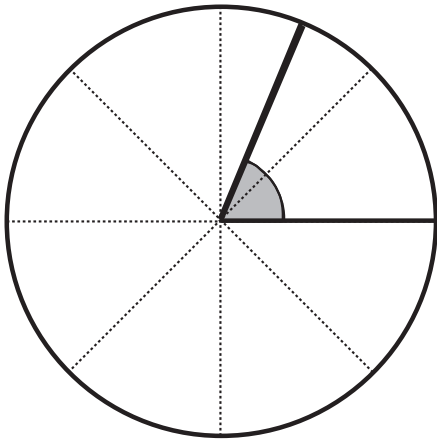
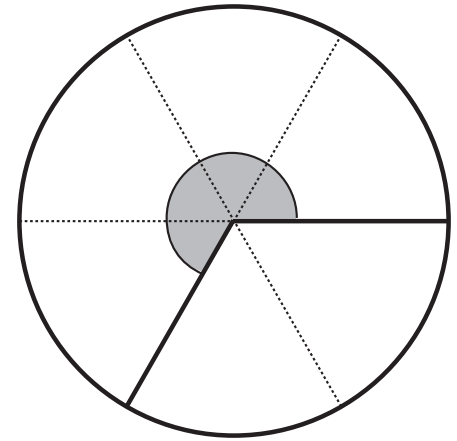
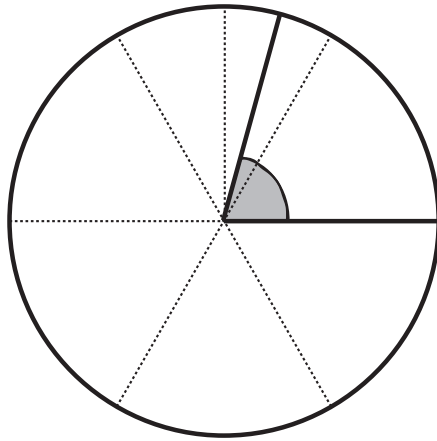
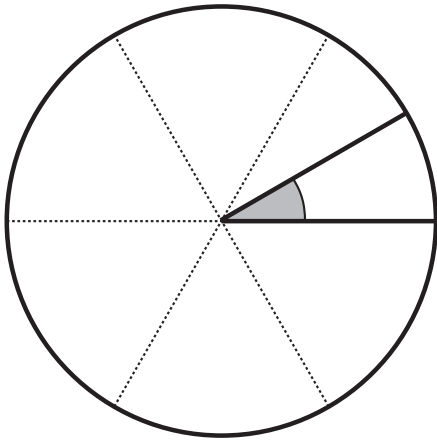
b)

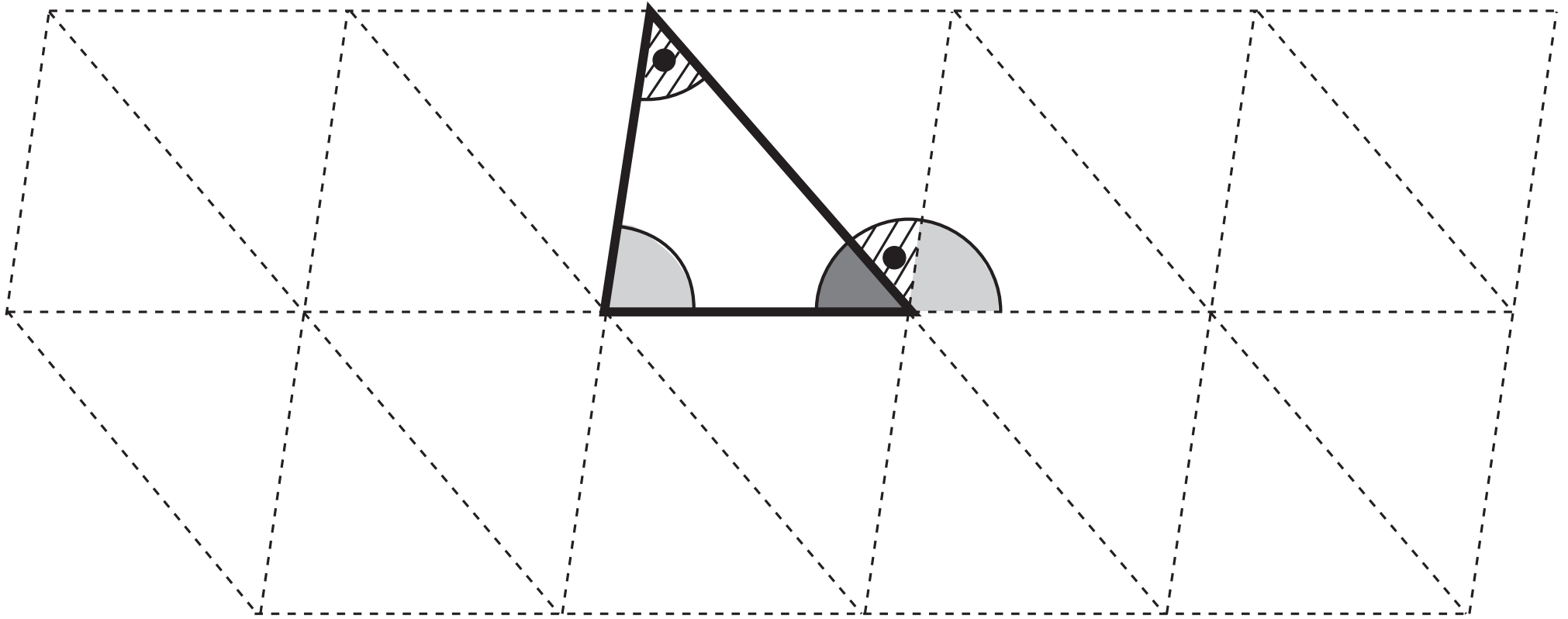


c)

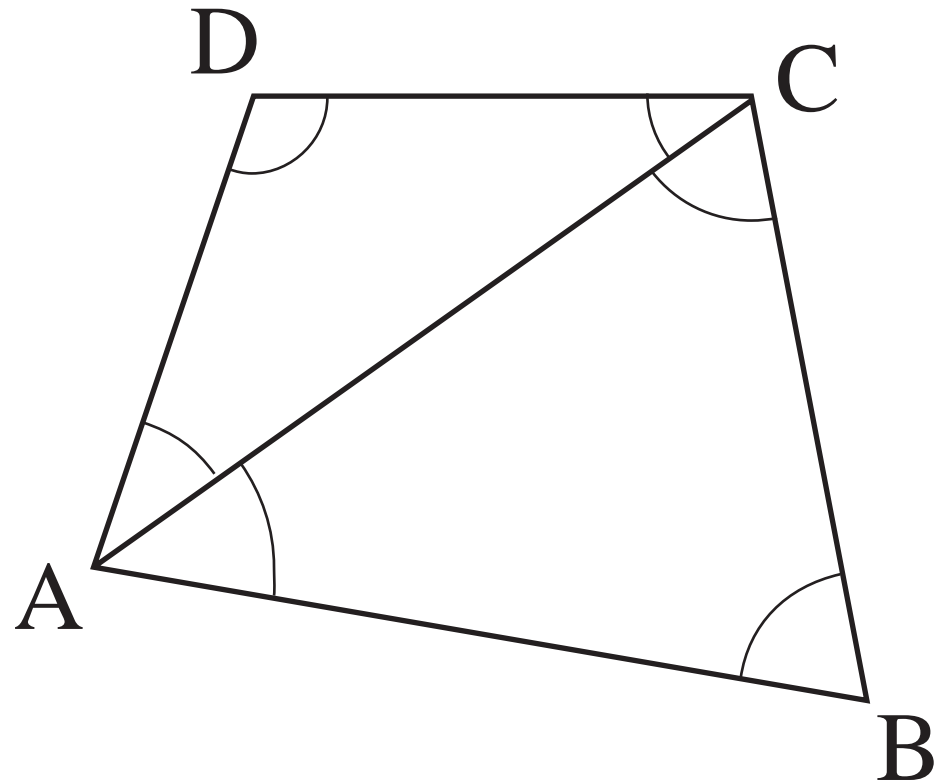




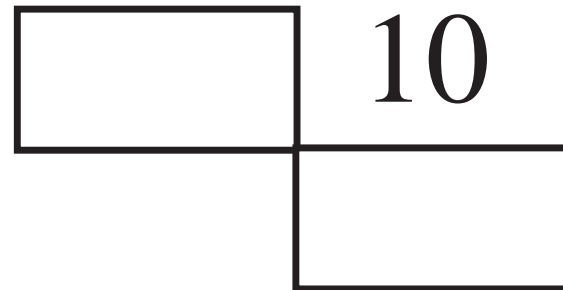
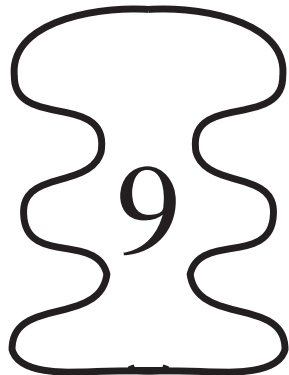
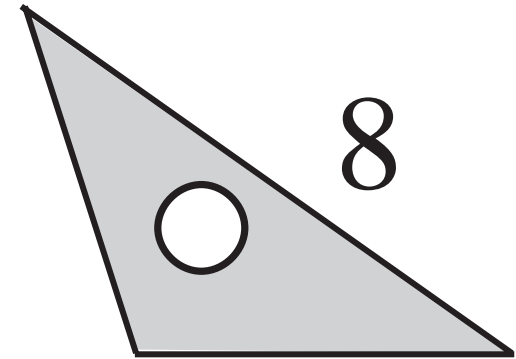
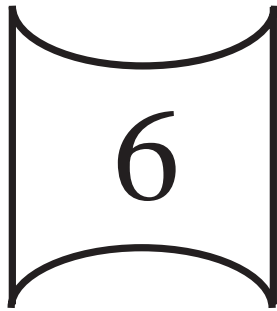
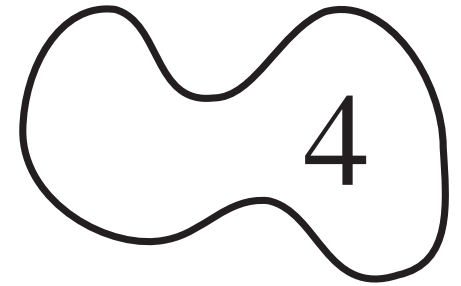
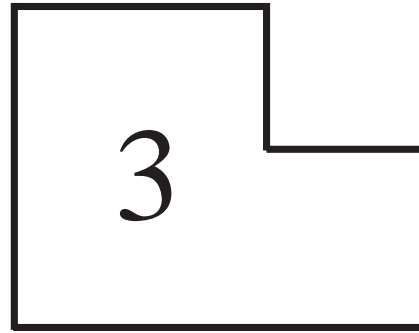
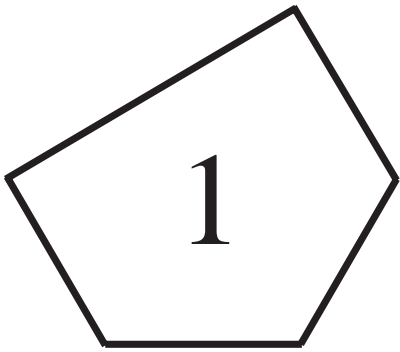


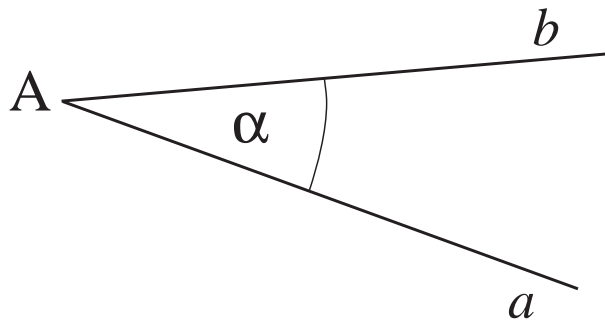


$$\text{Light Grey Angle} + \text{Diagonal Shaded Angle} + \text{Dark Grey Angle} = \boxed{} \circ$$

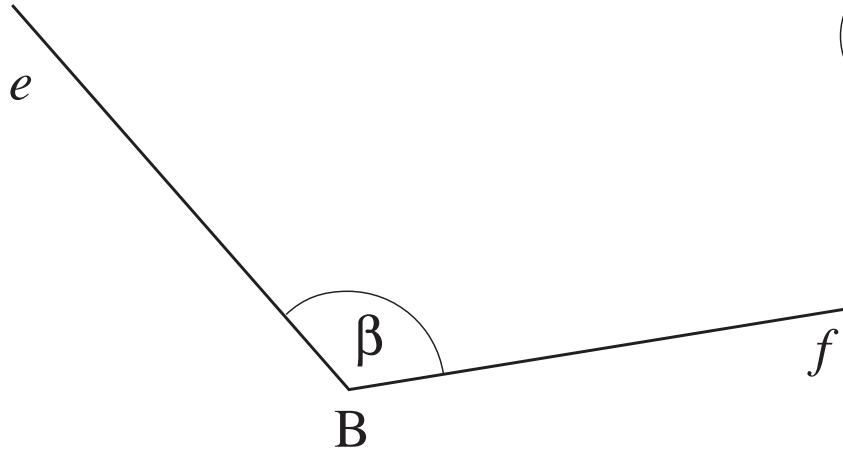


- i) The sum of the angles in $\triangle ABC$ is $^{\circ}$
- i) The sum of the angles in $\triangle ACD$ is $^{\circ}$
- iii) The sum of the angles in $ABCD$ is $^{\circ}$

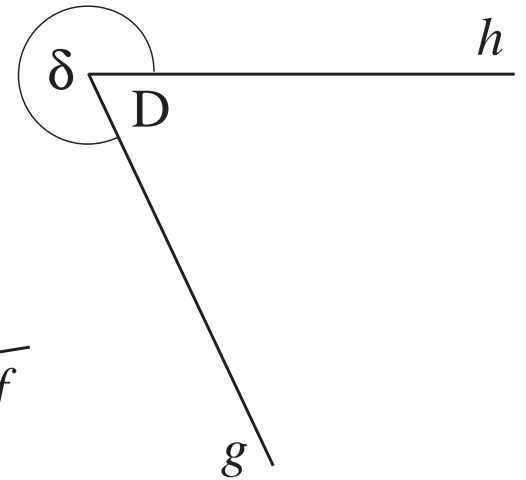




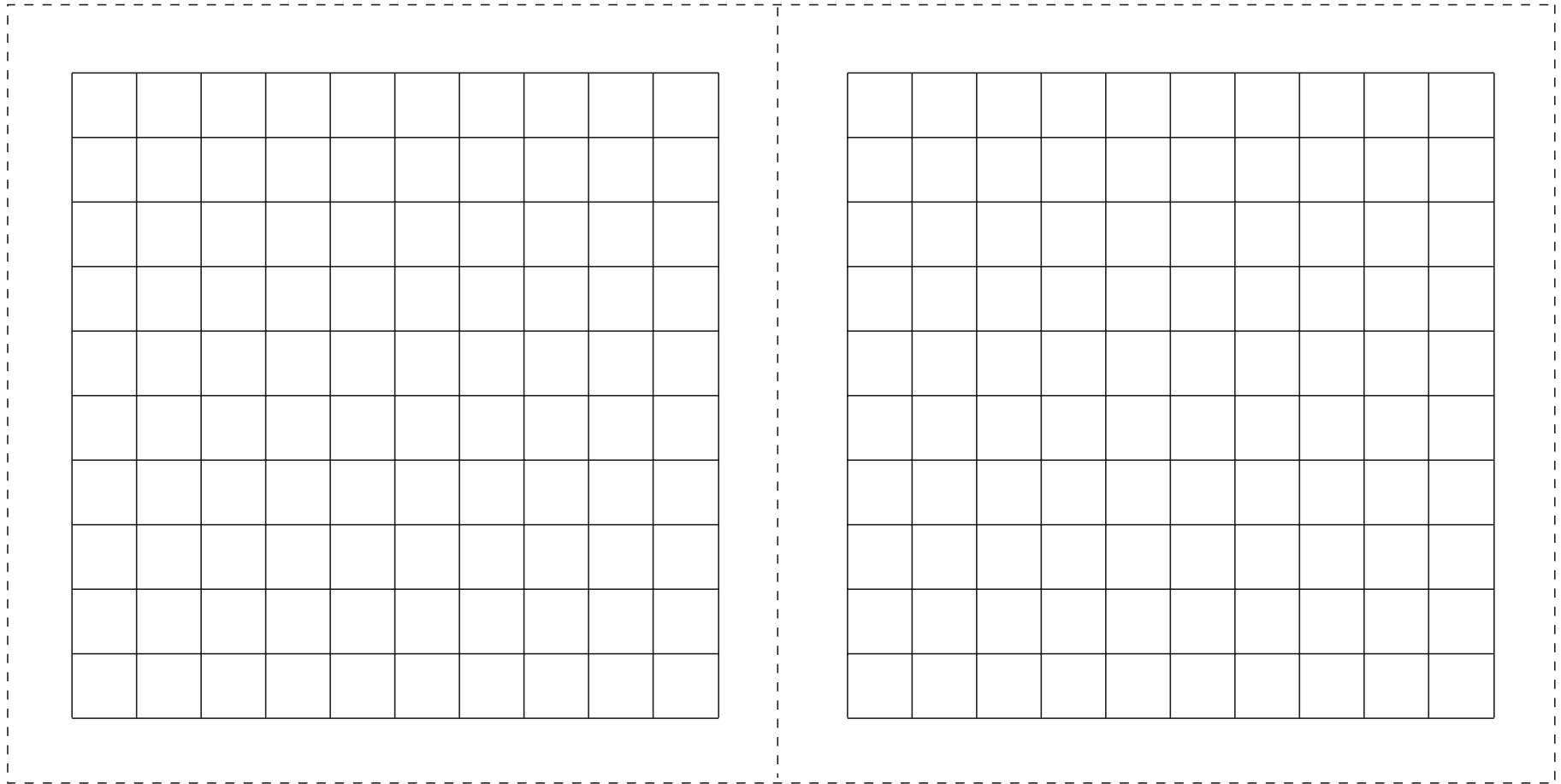
$$\alpha = \boxed{}^\circ$$



$$\beta = \boxed{}^\circ$$



$$\delta = \boxed{}^\circ$$



Copy on strong transparent film (OHT) and cut along dotted lines (1 square grid per pupil)

a) **Length**

$$1 \text{ mm} < 1 \text{ cm} < \boxed{} < 1 \text{ km}$$

$$\times 10 \quad \times 100 \quad \times \boxed{}$$

b)

$$1 \text{ mm}^2 < \boxed{} < 1 \text{ m}^2 < 1 \text{ hectare} < \text{km}^2$$

$$\times 100 \quad \times 10\,000 \quad \times 10\,000 \quad \times \boxed{}$$

c)

Mass

$$1 \text{ mg} < 1 \text{ g} < 1 \text{ kg} < \boxed{}$$

$$\times 1000 \quad \times \boxed{} \quad \times 1000$$

d)

$$1 \text{ ml} < \boxed{} < 1 \text{ litre}$$

$$\times 10 \quad \times \boxed{}$$

e)

Volume

$$1 \text{ mm}^3 < \boxed{} < 1 \text{ m}^3 < \boxed{}$$

$$\times 1000 \quad \times 1 \text{ million} \quad \times 1 \text{ billion}$$

f)

$$1'' < 1' < 1^\circ$$

$$\times 60 \quad \times 60$$

g)

Time

$$1 \text{ sec} < 1 \text{ min} < 1 \text{ hour} < \boxed{} < 1 \text{ week} < \boxed{}$$

$$\times \boxed{} \quad \times \boxed{} \quad \times 24 \quad \times 7 \quad \times \boxed{}$$

a) $34.6 \text{ m} = \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ mm} = \underline{\hspace{2cm}} \text{ km}$

b) $0.6 \text{ tonnes} = \underline{\hspace{2cm}} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

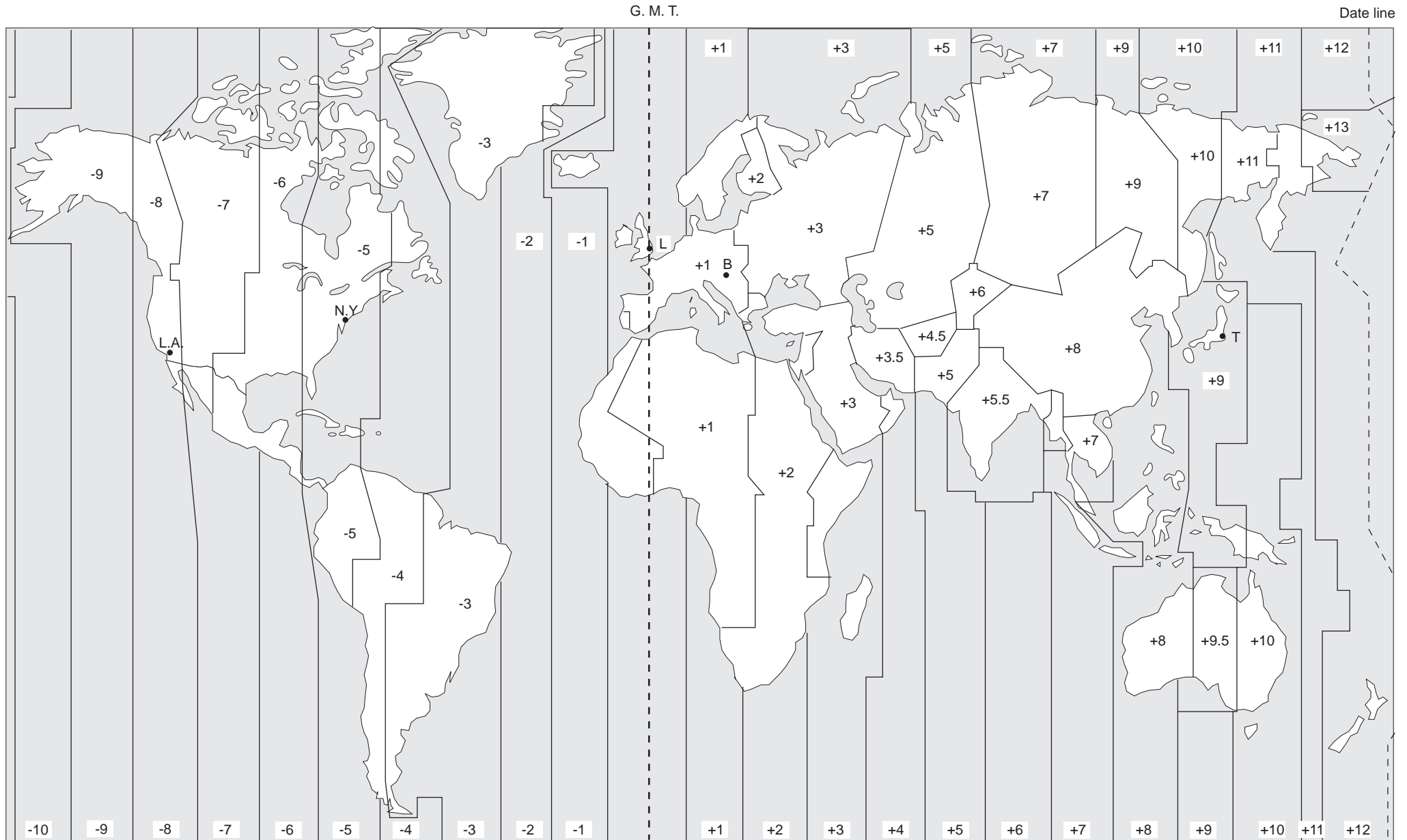
c) $4567 \text{ g} = \underline{\hspace{2cm}} \text{ kg} = \underline{\hspace{2cm}} \text{ tonnes}$

d) $6282 \text{ ml} = \underline{\hspace{2cm}} \text{ cl} = \underline{\hspace{2cm}} \text{ litres}$

e) $3.2 \text{ hours} = \underline{\hspace{2cm}} \text{ min} = \underline{\hspace{2cm}} \text{ sec}$

f) $1.5 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$

Time Zones around the World





$$1 \text{ mm} \approx 0.03937 \text{ inch}$$

$$1 \text{ cm} \approx 0.3937 \text{ inch}$$

$$1 \text{ m} \approx 39.37 \text{ inches}$$

$$= 1.094 \text{ yards}$$

$$1 \text{ m} \approx 3.281 \text{ feet}$$

$$1 \text{ km} \approx 1093.61 \text{ yards}$$

$$= 0.6214 \text{ mile}$$

$$1 \text{ inch} \approx$$



$$1 \text{ inch} \approx$$



$$1 \text{ yard} \approx$$



$$1 \text{ foot} \approx$$



$$1 \text{ mile} \approx$$



$$1 \text{ mm}^2 \approx 0.00155 \text{ squ. inch}$$

$$1 \text{ cm}^2 \approx 0.155 \text{ squ. inch}$$

$$1 \text{ m}^2 \approx 1.196 \text{ squ. yards}$$

$$1 \text{ km}^2 \approx 0.386 \text{ squ. miles}$$

$$1 \text{ km}^2 \approx 247.1 \text{ acres}$$

$$1 \text{ square inch} \approx$$

$$1 \text{ square inch} \approx$$

$$1 \text{ square yard} \approx$$

$$1 \text{ square mile} \approx$$

$$1 \text{ acre} \approx$$

$$1 \text{ g} \approx 0.0353 \text{ ounce (oz)}$$

$$1 \text{ kg} \approx 35.27 \text{ ounces (oz)}$$

$$1 \text{ kg} \approx 2.205 \text{ pounds (lb)}$$

$$1 \text{ t} \approx 2204.62 \text{ pounds}$$

$$1 \text{ t} \approx 19.688 \text{ hundredweights (cwt)}$$

$$1 \text{ oz} \approx$$

$$1 \text{ oz} \approx$$

$$1 \text{ lb} \approx$$

$$1 \text{ lb} \approx$$

$$1 \text{ cwt} \approx$$

$$1 \text{ ml} \approx 0.00176 \text{ pint}$$

$$1 \text{ cl} \approx 0.0176 \text{ pint}$$

$$1 \text{ litre} \approx 1.76 \text{ pints}$$

$$1 \text{ litre} \approx 0.22 \text{ gallons}$$

$$1 \text{ cm}^3 \approx 0.06102 \text{ cubic inches}$$

$$1 \text{ m}^3 \approx 35.315 \text{ cubic feet}$$

$$1 \text{ m}^3 \approx 1.308 \text{ cubic yards}$$

$$1 \text{ pint} \approx$$

$$1 \text{ pint} \approx$$

$$1 \text{ pint} \approx$$

$$1 \text{ gallon} \approx$$

$$1 \text{ cubic inch} \approx$$

$$1 \text{ cubic foot} \approx$$

$$1 \text{ cubic yard} \approx$$



$$-17.8^{\circ}\text{C} \approx 0^{\circ}\text{F}$$

$$-10^{\circ}\text{C} \approx 14^{\circ}\text{F}$$

$$0^{\circ}\text{C} \approx 32^{\circ}\text{F}$$

$$10^{\circ}\text{C} \approx 50^{\circ}\text{F}$$

$$20^{\circ}\text{C} \approx 68^{\circ}\text{F}$$

$$30^{\circ}\text{C} \approx 86^{\circ}\text{F}$$

$$40^{\circ}\text{C} \approx 104^{\circ}\text{F}$$

$$100^{\circ}\text{C} \approx 212^{\circ}\text{F}$$

$$36.6^{\circ}\text{C} \approx 97.8^{\circ}\text{F}$$

$1 \text{ mm} \approx 0.03937 \text{ inch}$

$1 \text{ cm} \approx 0.3937 \text{ inch}$

$1 \text{ m} \approx 39.37 \text{ inches}$
 $= 1.094 \text{ yards}$

$1 \text{ m} \approx 3.281 \text{ feet}$

$1 \text{ km} \approx 1093.61 \text{ yards}$
 $= 0.6214 \text{ mile}$

$1 \text{ mm}^2 \approx 0.00155 \text{ squ. inch}$

$1 \text{ cm}^2 \approx 0.155 \text{ squ. inch}$

$1 \text{ m}^2 \approx 1.196 \text{ squ. yards}$

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$1 \text{ kg} \approx 2.205 \text{ pounds (lb)}$

$1 \text{ t} \approx 2204.62 \text{ pounds}$

$1 \text{ t} \approx 19.688 \text{ hundredweights}$
 (cwt)

(Pupils' sheet)

$1 \text{ inch} \approx$

$1 \text{ inch} \approx$

$1 \text{ yard} \approx$

$1 \text{ foot} \approx$

$1 \text{ mile} \approx$

$1 \text{ square inch} \approx$

$1 \text{ square inch} \approx$

$1 \text{ square yard} \approx$

$1 \text{ square mile} \approx$

$1 \text{ acre} \approx$

$1 \text{ oz} \approx$

$1 \text{ oz} \approx$

$1 \text{ lb} \approx$

$1 \text{ lb} \approx$

$1 \text{ cwt} \approx$

$1 \text{ ml} \approx 0.00176 \text{ pint}$

$1 \text{ cl} \approx 0.0176 \text{ pint}$

$1 \text{ litre} \approx 1.76 \text{ pints}$

$1 \text{ litre} \approx 0.22 \text{ gallons}$

$1 \text{ cm}^3 \approx 0.06102 \text{ cubic inches}$

$1 \text{ m}^3 \approx 35.315 \text{ cubic feet}$

$1 \text{ m}^3 \approx 1.308 \text{ cubic yards}$

$-17.8^\circ\text{C} \approx 0^\circ\text{F}$

$-10^\circ\text{C} \approx 14^\circ\text{F}$

$0^\circ\text{C} \approx 32^\circ\text{F}$

$10^\circ\text{C} \approx 50^\circ\text{F}$

$20^\circ\text{C} \approx 68^\circ\text{F}$

$30^\circ\text{C} \approx 86^\circ\text{F}$

$40^\circ\text{C} \approx 104^\circ\text{F}$

$100^\circ\text{C} \approx 212^\circ\text{F}$

$36.6^\circ\text{C} \approx 97.8^\circ\text{F}$

$1 \text{ pint} \approx$

$1 \text{ pint} \approx$

$1 \text{ pint} \approx$

$1 \text{ gallon} \approx$

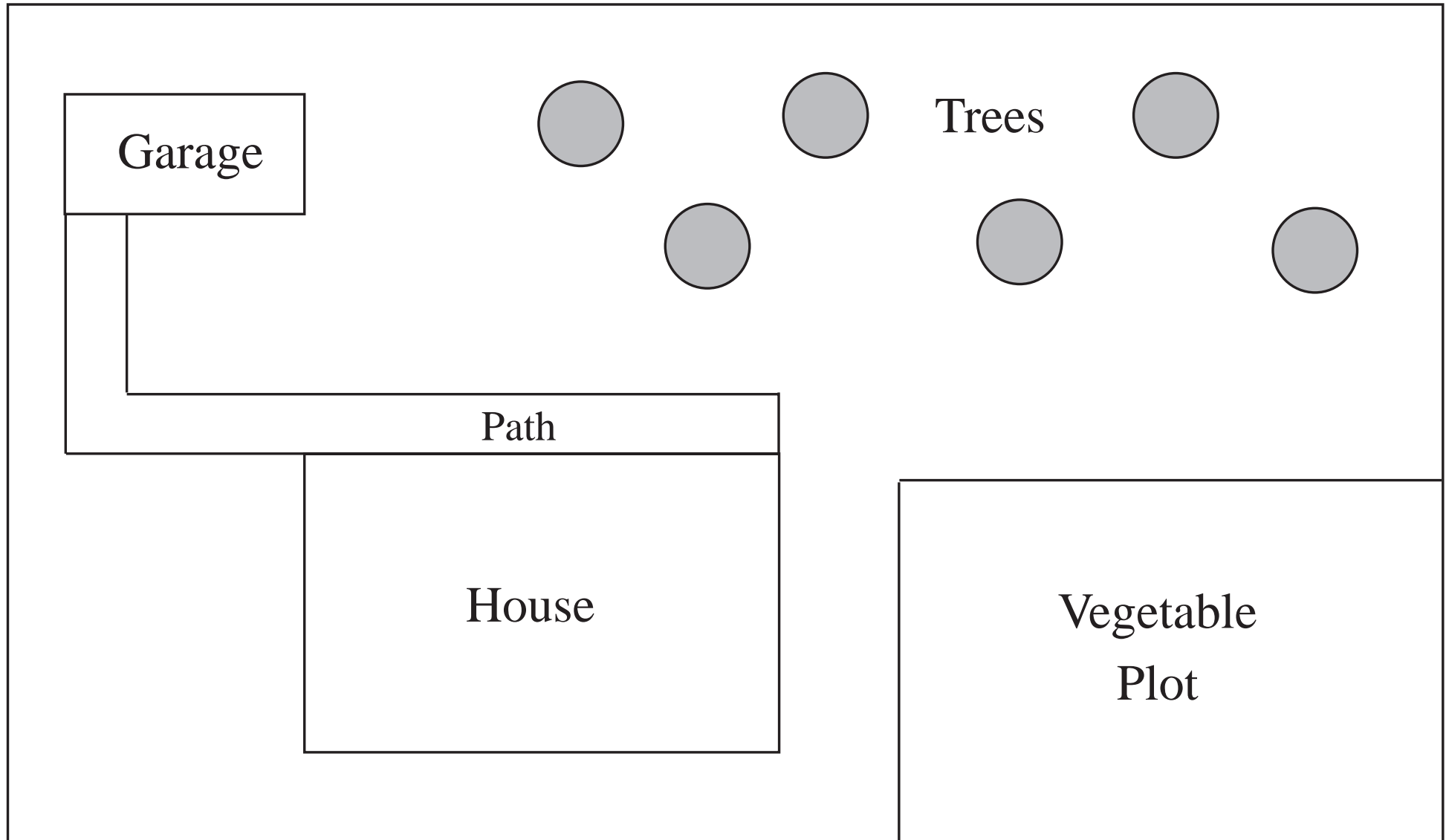
$1 \text{ cubic inch} \approx$

$1 \text{ cubic foot} \approx$

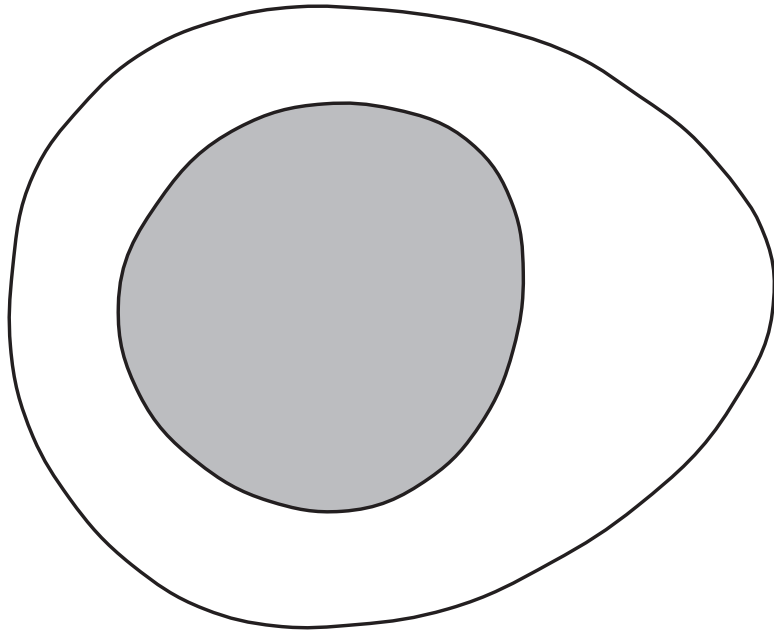
$1 \text{ cubic yard} \approx$

- a) If 1 inch \approx 2.5 cm, then 1 cm \approx in \approx inches
- b) If 1 foot \approx 0.3 m, then 1 m \approx ft \approx feet
- c) If 1 metre \approx 1.1 yards, then 1 yard \approx m \approx metres
- d) If 1 mile \approx 1.6 km, then 1 km \approx miles \approx miles
- e) If 1 ounce \approx 28 g, then 1 g \approx oz \approx ounce
- f) If 1 kg \approx 2.2 lb, then 1 lb \approx kg \approx kilograms
- g) If 1 pint \approx 0.57 litres, then 1 litre \approx pt \approx pints
- h) If 1 gallon \approx 4.5 litres, then 1 litre \approx gal \approx gallons

Scale: 1 : 400

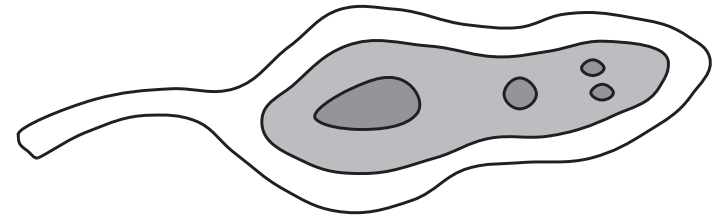


a) Living cell



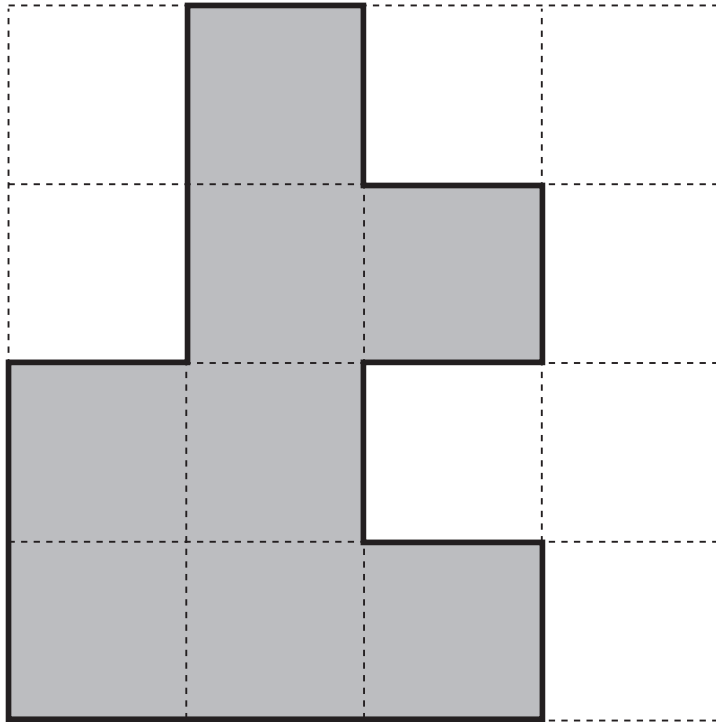
Scale: 1 : 1

b) Longitudinal section of a bacterium

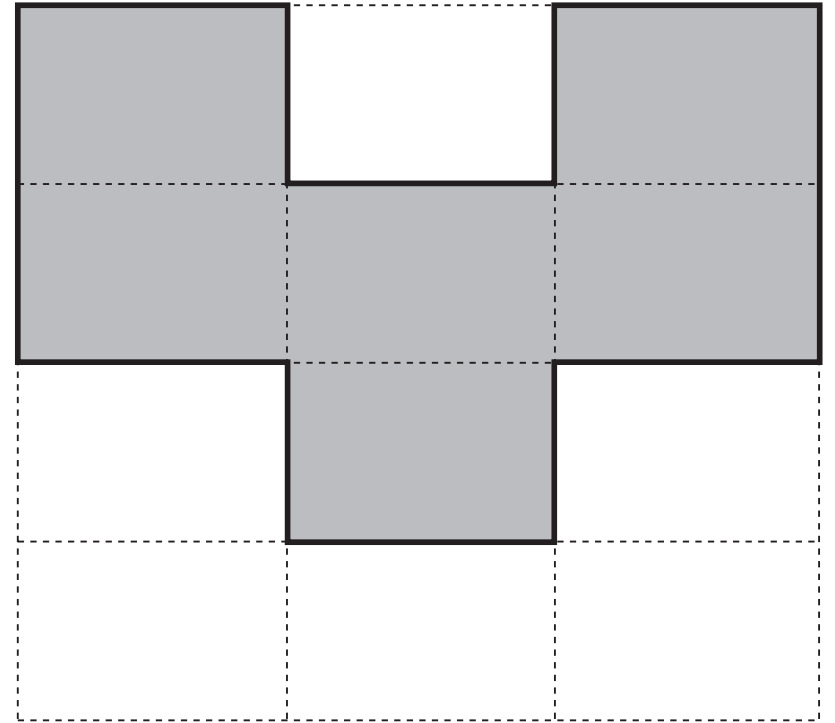


Scale: 500 : 1

a)



b)



3 h 24 min 34045 g $\frac{3}{24}$ day 340.45 cm
 3.4 hours 3420 ml $\frac{171}{500}$ litre 34.2 cl $34\frac{1}{5}$ cl
 £340.45 34 $\frac{9}{200}$ tonnes 34045 p 342 ml 34 045 kg
 3.42 litres 34.045 kg

LP 50/1

a) 6 h 53 min 10 sec
 + 8 h 19 min 55 sec

b) 12 h 24 min 5 sec
 - 4 h 23 min 17 sec

c) 16 h 37 min 29 sec
 - 14 h 51 min 6 sec

LP 50/2