

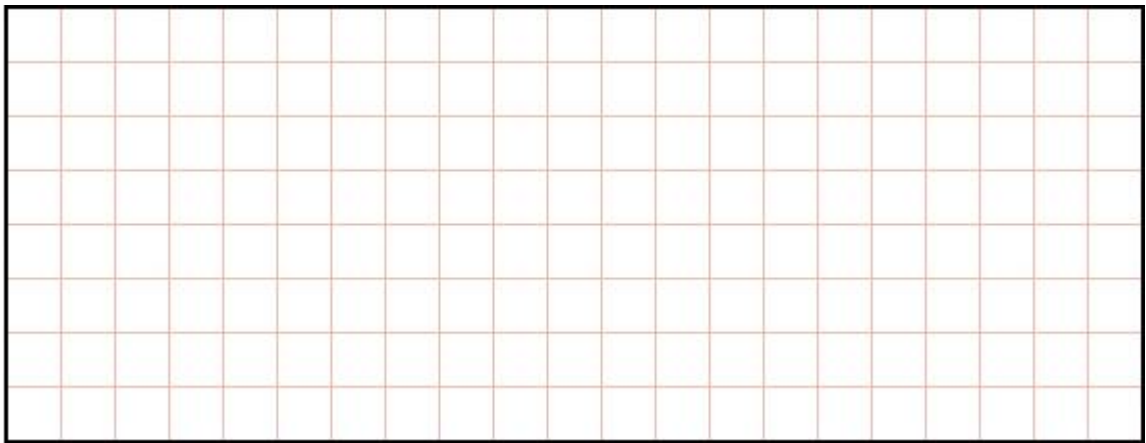


# Fractions Review



Q1.

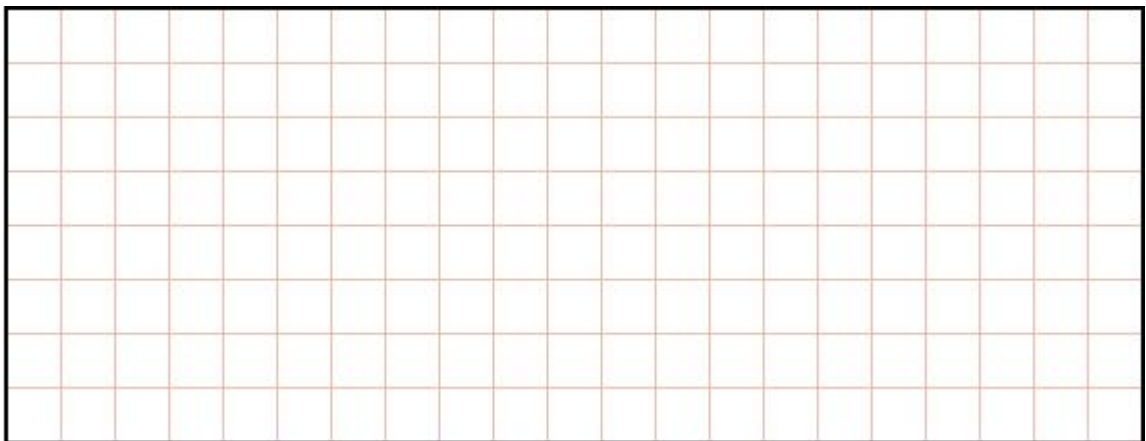
$$\frac{7}{10} = \frac{\square}{30}$$



1 mark

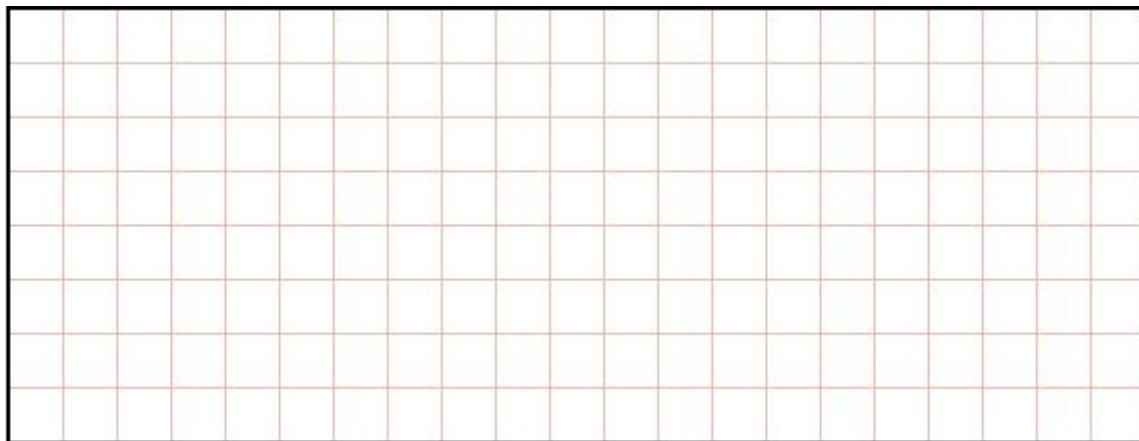
Q2.

$$\frac{1}{4} = \frac{\square}{36}$$



Q3.

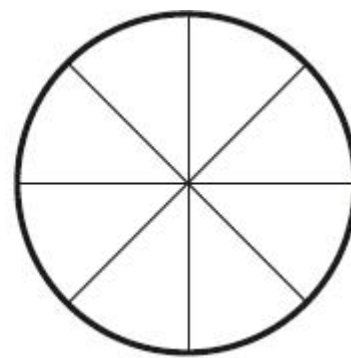
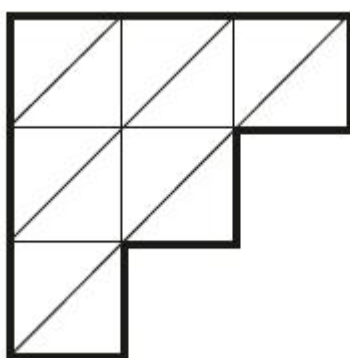
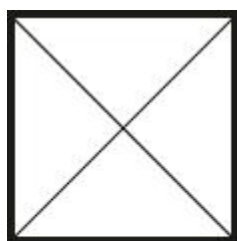
$$\frac{3}{4} = \frac{12}{\square}$$



Q4.

Each diagram below is divided into equal sections.

Shade three-quarters of each diagram.



2 marks

**Q5.**

Write these numbers in order starting with the smallest.

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{5}$$

smallest

largest

1 mark

**Q6.**

Tick the fractions **less than**  $\frac{5}{8}$

$$\frac{1}{2}$$

$$\frac{2}{8}$$

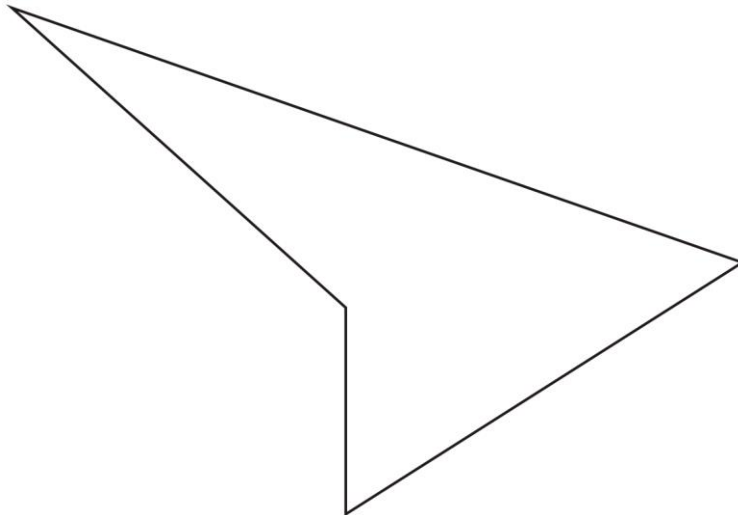
$$\frac{3}{4}$$

$$\frac{7}{16}$$

$$\frac{24}{32}$$

2 marks

**Q7.**



Measure accurately the **longest side** of this shape.

Give your answer in millimetres.

1 mark

Measure accurately the **smallest angle** in the shape.

Use a protractor (angle measurer).

1 mark

Mark schemes

**Q1.**

21

[1]

**Q2.**

9

[1]

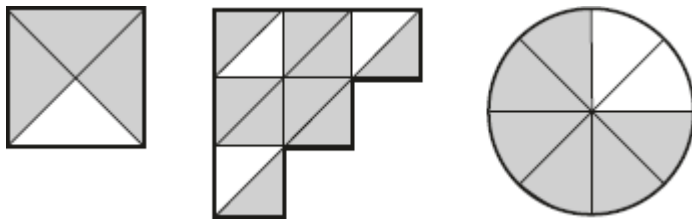
**Q3.**

16

[1]

**Q4.**

Award **TWO** marks for all three diagrams completed to show three-quarters shaded, e.g.



If the answer is incorrect, award **ONE** mark for two diagrams correct.

*Accept alternative unambiguous indications of parts shaded.*

Up to 2m

[2]

**Q5.**

$\frac{1}{8}$     $\frac{1}{5}$     $\frac{1}{4}$     $\frac{1}{2}$

[1]

**Q6.**

Award **TWO** marks for three boxes ticked correctly, as shown:

$\frac{1}{2}$	<input checked="" type="checkbox"/>
$\frac{2}{8}$	<input checked="" type="checkbox"/>

$\frac{3}{4}$	<input type="checkbox"/>
$\frac{7}{16}$	<input checked="" type="checkbox"/>
$\frac{24}{32}$	<input type="checkbox"/>

Award **ONE** mark for:

- only two boxes ticked correctly and no incorrect boxes ticked

**OR**

- three boxes ticked correctly and one incorrect box ticked.  
*Accept alternative unambiguous positive indication of the correct answer, e.g. Y.*

Up to 2m

[2]

**Q7.**

- |     |   |   |
|-----|---|---|
| (a) | Answer is teacher's measurement +/- 2 mm.               | 1 |
| (b) | Answer in the range 21 degrees to 23 degrees inclusive. | 1 |