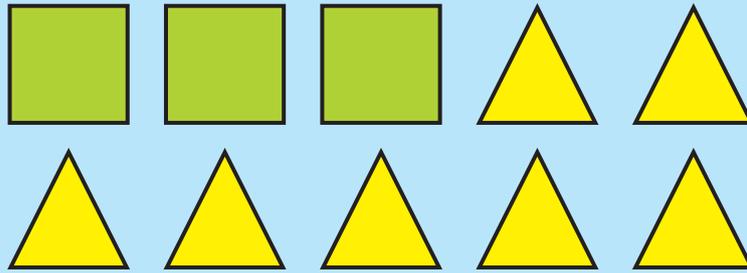


3

FRACTIONS (I)



1 Here are some shapes.



What fraction of the shapes are triangles?

What fraction of the shapes are squares?

2 Circle the unit fractions.

$\frac{1}{8}$

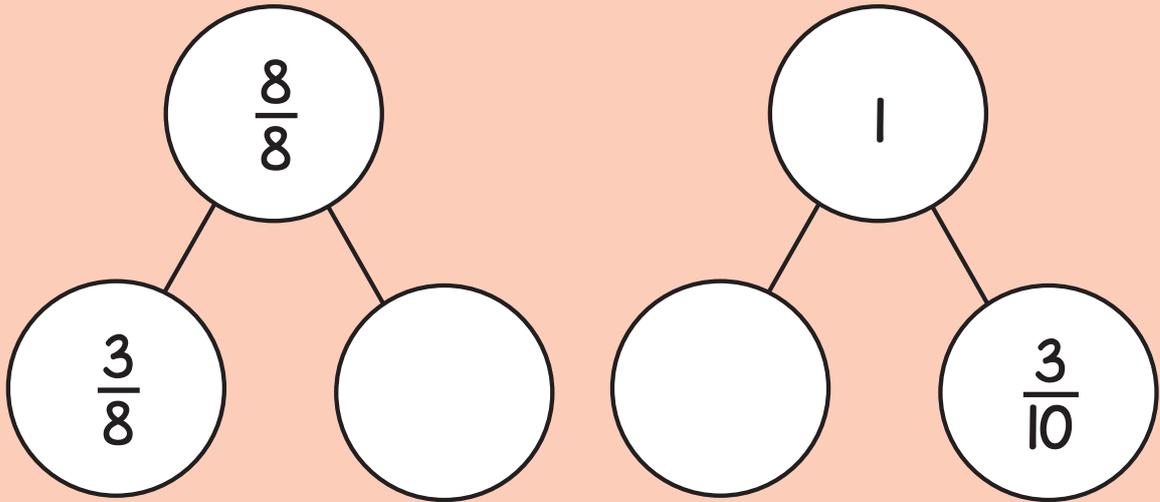
one fifth

$\frac{3}{4}$

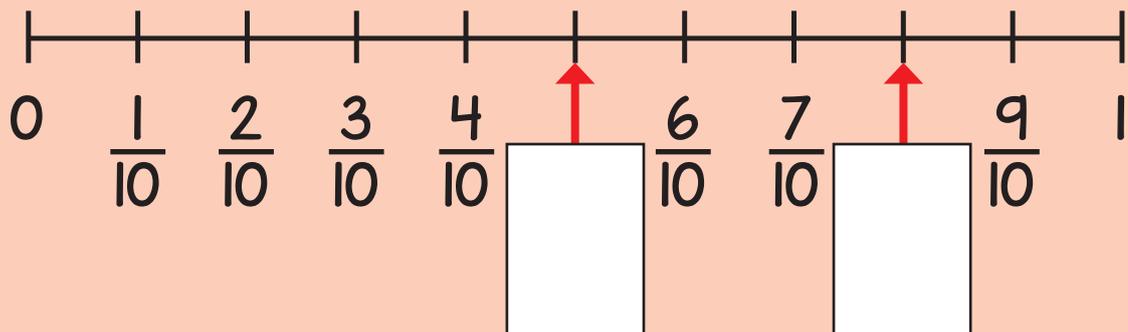
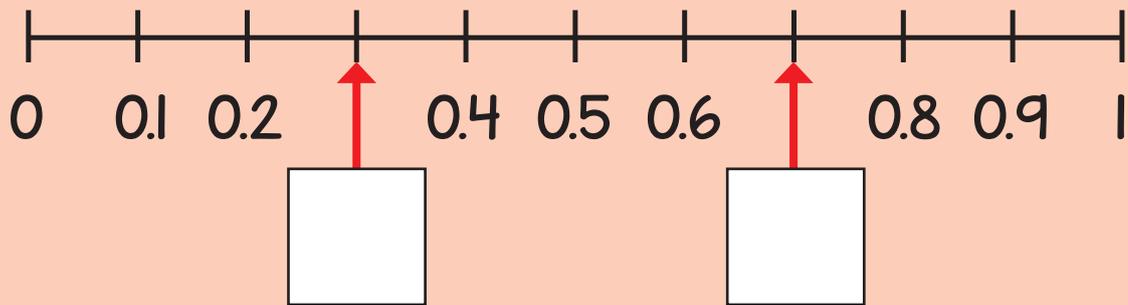
$\frac{3}{8}$

$\frac{1}{3}$

3 Complete the part-whole models.

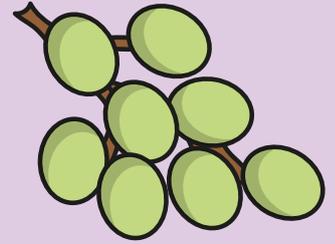


4 Complete the number lines.



5 Tom has 24 grapes.

He gives $\frac{1}{8}$ of the grapes to Nijah.

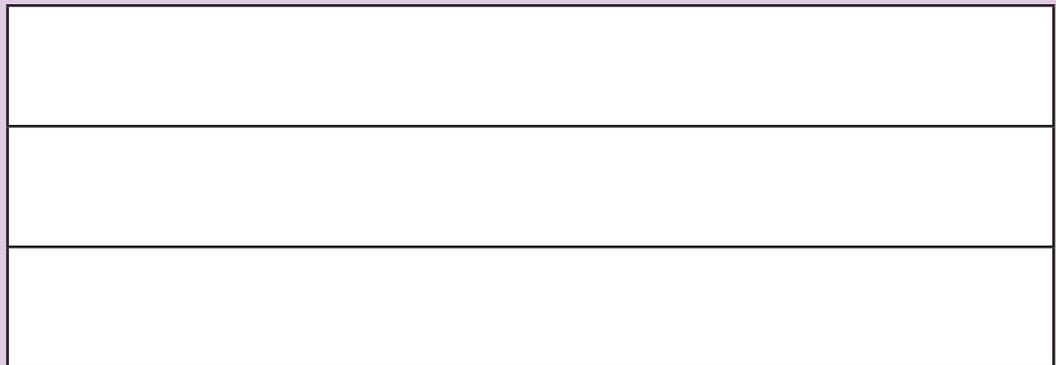


How many grapes does he give to Nijah?

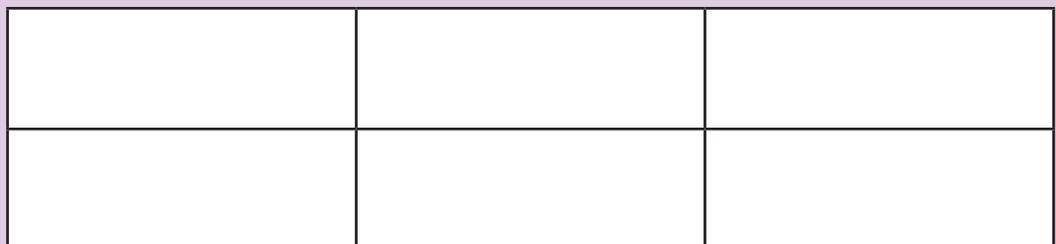
grapes

6 Colour $\frac{2}{3}$ of each diagram.

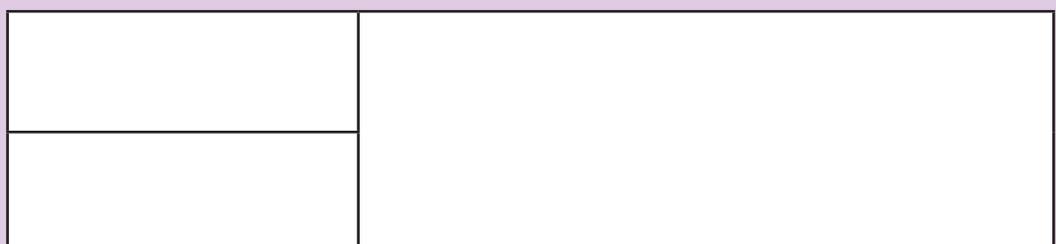
A



B



C



7 Write $<$, $>$ or $=$ to compare the statements.

$$\frac{1}{5} \text{ of } 40 \quad \bigcirc \quad \frac{1}{10} \text{ of } 40$$

$$\frac{3}{8} \text{ of } 16 \quad \bigcirc \quad \frac{1}{2} \text{ of } 16$$

8 Aisha has a bag of marbles.

She gives $\frac{3}{4}$ of the bag to Esther.

Aisha has 15 marbles left.

How many marbles did she have to begin with?



Answers



1 $\frac{7}{10}$

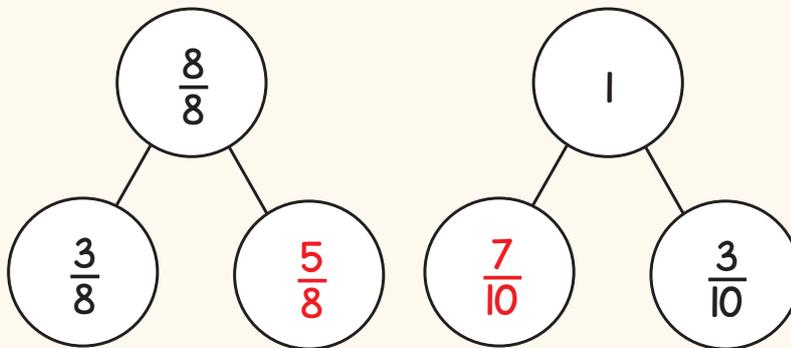
$\frac{3}{10}$

2 $\frac{1}{8}$

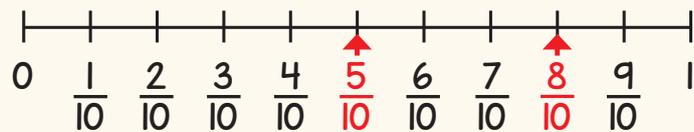
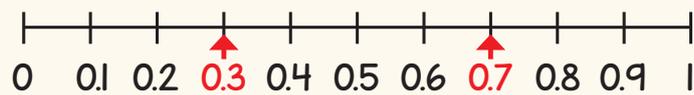
one fifth

$\frac{1}{3}$

3



4



5 3 grapes

6 **A:** any 2 strips shaded, for example:



B: any 4 rectangles shaded, for example:



C: large rectangle shaded:



7 $\frac{1}{5}$ of 40 $>$ $\frac{1}{10}$ of 40

$\frac{3}{8}$ of 16 $<$ $\frac{1}{2}$ of 16

8 60 marbles