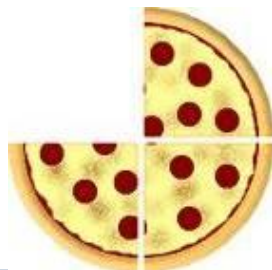


# Fantastic Facts Booklet

## FQ

# Equivalent Fractions & Decimals

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# Convert Fractions to Decimals

$$1/10 = 0.10$$

$$2/10 = 0.20 \quad 1/4 = 0.25$$

$$3/10 = 0.30 \quad 1/3 = 0.333$$

$$4/10 = 0.40 \quad 1/2 = 0.50$$

$$5/10 = 0.50 \quad 3/4 = 0.75$$

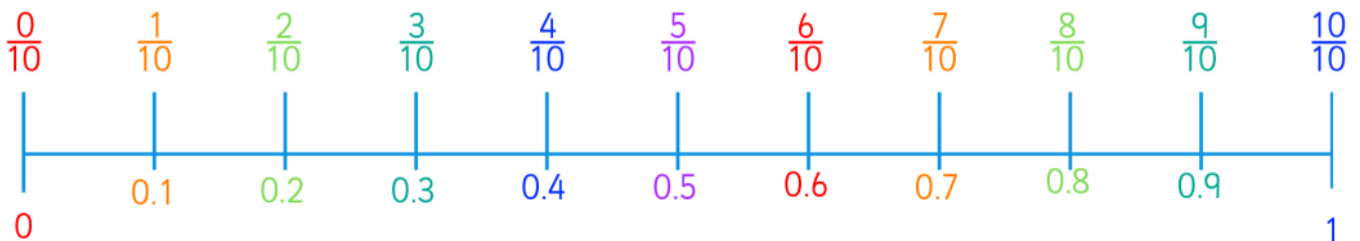
$$6/10 = 0.60 \quad 1/8 = 0.125$$

$$7/10 = 0.70 \quad 1/6 = 0.166$$

$$8/10 = 0.80 \quad 1/12 = 0.083$$

$$9/10 = 0.90$$

$$10/10 = 1.00$$



Model	Fraction	Decimal
	$\frac{4}{10}$	0.4

Model	Fraction	Decimal
	$\frac{2}{10}$	0.2

Colour equivalent fractions and decimals.

The image displays 25 star-shaped cards arranged in a grid-like pattern. Each card contains a fraction or a decimal. Two cards are highlighted in yellow:  $\frac{3}{4}$  and  $0.75$ . The other cards are white with blue outlines. The cards contain the following values:

- $\frac{1}{10}$
- $\frac{1}{8}$
- $0.083$
- $\frac{1}{2}$
- $\frac{1}{3}$
- $0.60$
- $0.166$
- $\frac{6}{10}$
- $0.125$
- $\frac{1}{12}$
- $0.40$
- $0.75$  (highlighted)
- $0.70$
- $0.90$
- $\frac{3}{10}$
- $\frac{1}{6}$
- $10/10$
- $0.50$
- $0.10$
- $0.50$
- $0.25$
- $\frac{4}{10}$
- $\frac{2}{10}$
- $\frac{1}{4}$
- $0.33$
- $0.20$
- $\frac{7}{10}$
- $1$
- $\frac{5}{10}$
- $0.80$
- $\frac{9}{10}$
- $0.30$
- $\frac{8}{10}$

Fill in the equivalent decimals.

$1/10 =$

$1/4 =$

$9/10 =$

$1/2 =$

$6/10$

$3/10 =$

$1/3 =$

$2/10 =$

$4/10 =$

$1/8 =$

$5/10 =$

$1/6 =$

$7/10 =$

$6/10 =$

$3/4 =$

$10/10 =$

$8/10 =$

$1/12 =$

Write these fractions as decimals.

$\frac{3}{10} =$

$\frac{7}{10} =$

$\frac{9}{10} =$

$\frac{2}{10} =$

$\frac{1}{10} =$

$\frac{6}{10} =$

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

$\frac{8}{10} =$

$\frac{4}{10} =$

Write these decimals as fractions.

$0.1 =$   $\frac{1}{\text{■}}$

$0.2 =$   $\frac{2}{\text{■}}$   $=$   $\frac{1}{\text{■}}$

$0.3 =$   $\frac{3}{\text{■}}$

$0.4 =$   $\frac{4}{\text{■}}$   $=$   $\frac{2}{\text{■}}$

$0.5 =$   $\frac{5}{\text{■}}$   $=$   $\frac{1}{\text{■}}$

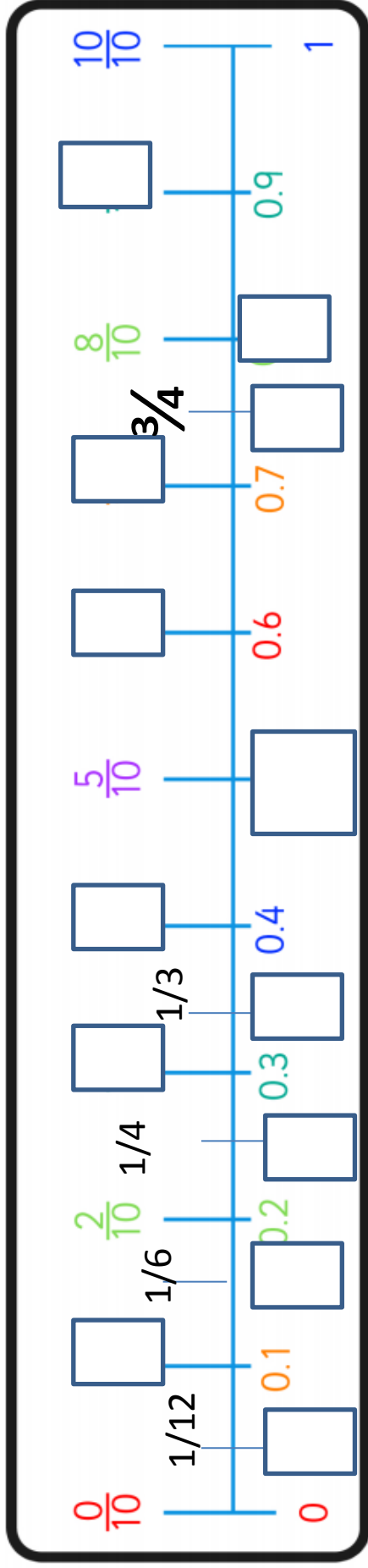
$0.6 =$   $\frac{6}{\text{■}}$   $=$   $\frac{3}{\text{■}}$

$0.7 =$   $\frac{7}{\text{■}}$

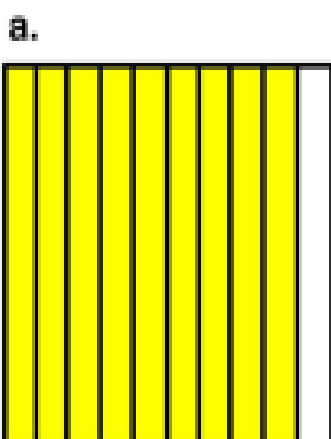
$0.8 =$   $\frac{8}{\text{■}}$   $=$   $\frac{4}{\text{■}}$

$0.9 =$   $\frac{9}{\text{■}}$

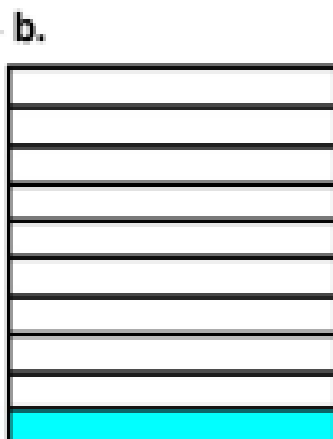
Fill in the blanks to complete this decimal and fraction numberline.



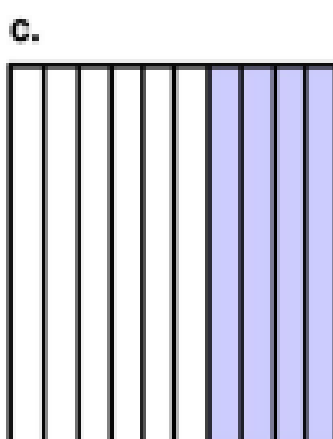
Write the decimal and the fraction shown by each square.



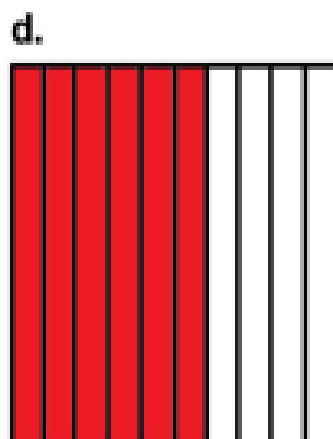
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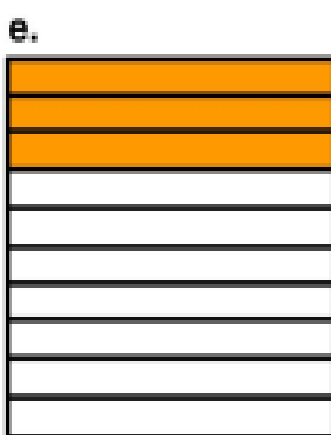
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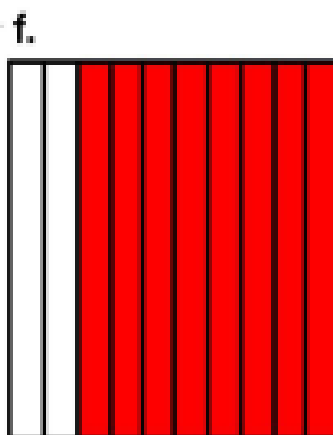
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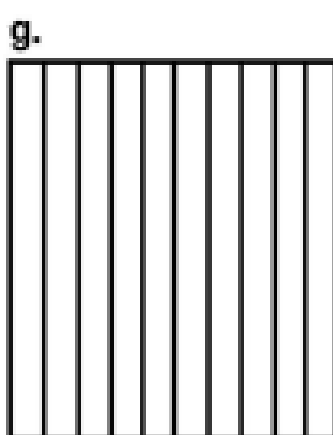
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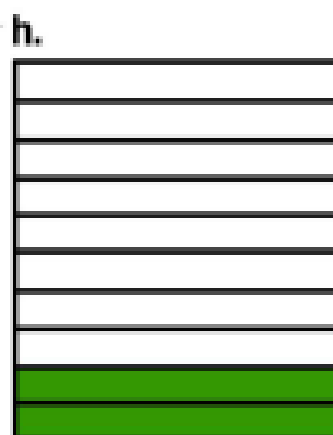
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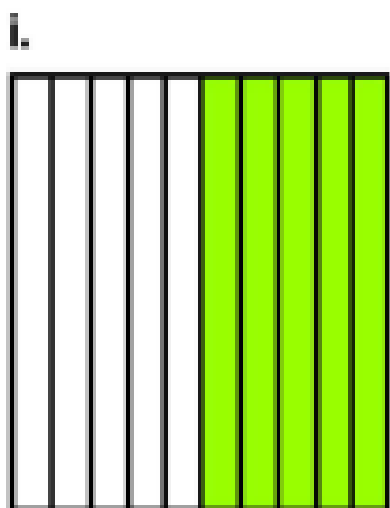
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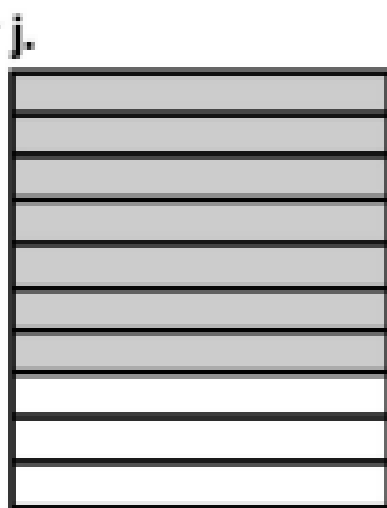
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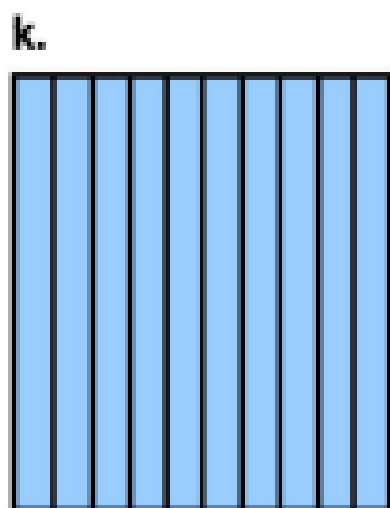
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Fill in the blanks to show the decimal equivalent of each missing fractions.

**1 Whole**

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

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