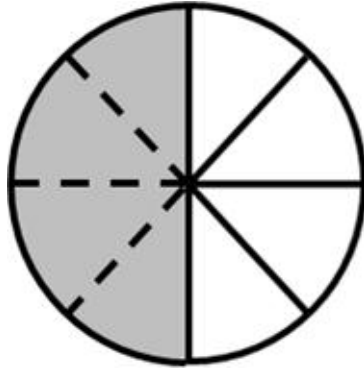


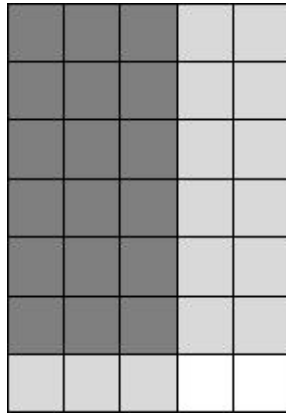
1 Look at the model.



Which expression could be represented by the model?

- A $\frac{1}{2} \div 8$
- B $\frac{1}{2} \div \frac{1}{8}$
- C $\frac{1}{2} \cdot \frac{1}{8}$
- D 2×8

2



The model represents which product?

F $\frac{5}{3} \cdot \frac{7}{6}$

G $\frac{3}{7} \cdot \frac{2}{7}$

H $\frac{3}{7} \cdot \frac{5}{6}$

J $\frac{3}{5} \cdot \frac{6}{7}$

3 Look at the expression.

$$\frac{3}{5} \div \frac{1}{2}$$

Which question would students ask when simplifying this expression?

A How much is $\frac{1}{2}$ added $\frac{3}{5}$ time?

B How many $\frac{3}{5}$ make up $\frac{1}{2}$?

C How many $\frac{1}{2}$ make up $\frac{3}{5}$?

D How much is $\frac{3}{5}$ added $\frac{1}{2}$ time?

4 Which is equivalent to $4 \times \frac{2}{3}$?

F $(4 \times 2) + (4 \times 3)$

G $\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3}$

H $\frac{1}{4} + 3$

J $4 \times 3 + 2$

5 Which is equivalent to $\frac{1}{4} \times 3$?

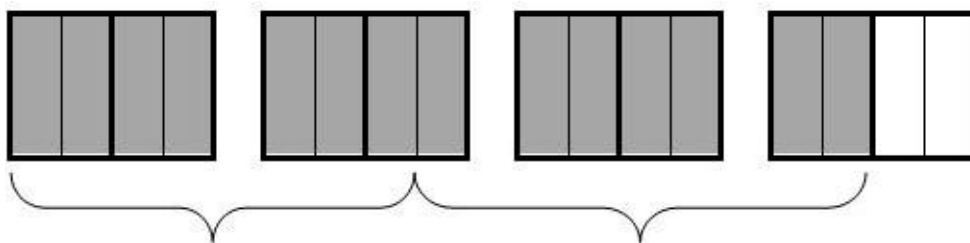
A $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

B 4×3

C $\frac{1}{4} + 3$

D $4 \div 3$

6 This model can be used to solve which problem?



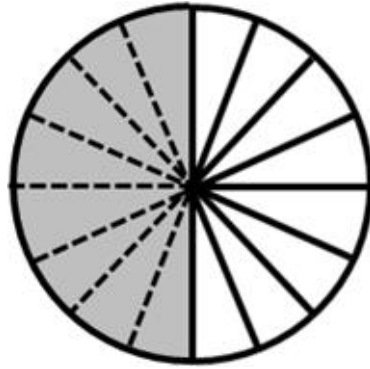
F $\frac{7}{9} \times \frac{7}{15}$

G $4 \times \frac{1}{2}$

H $\frac{7}{2} \div \frac{7}{4}$

J $\frac{1}{6} \div \frac{1}{7}$

7 Look at the model.



Which expression could be represented by the model?

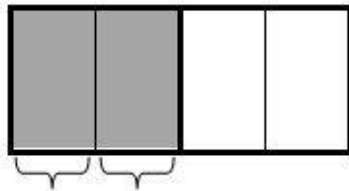
A $\frac{1}{2} \div 8$

B $\frac{1}{2} \cdot \frac{1}{16}$

C $\frac{1}{2} \div \frac{1}{16}$

D 2×4

8 Look at the model.



Which expression could be represented by the model?

F $\frac{1}{2} \cdot \frac{1}{4}$

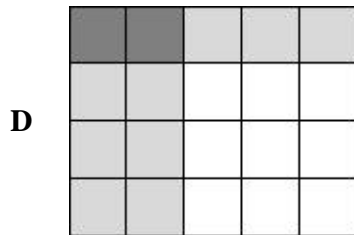
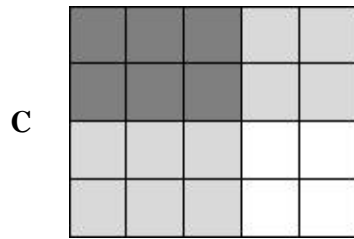
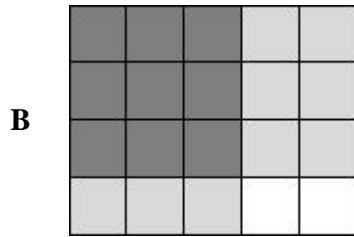
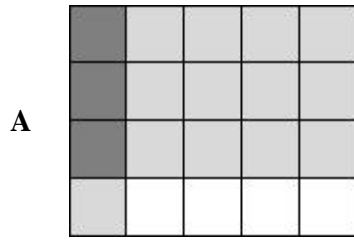
G 2×4

H $\frac{1}{2} \div 4$

J $\frac{1}{2} \div \frac{1}{4}$

9

Which model represents a product equivalent to $\frac{3}{10}$?



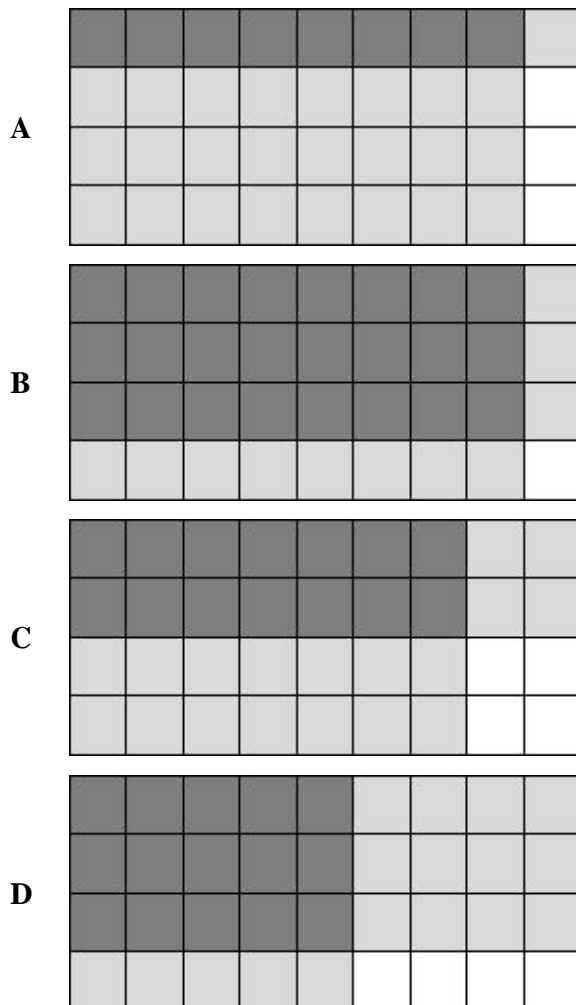
10 Look at the expression.

$$\frac{1}{5} \div \frac{1}{4}$$

Which question would students ask when simplifying this expression?

- F How many $\frac{1}{5}$ make up $\frac{1}{4}$?
- G How many $\frac{1}{4}$ make up $\frac{1}{5}$?
- H How much is $\frac{1}{4}$ added $\frac{1}{5}$ time?
- J How much is $\frac{1}{5}$ added $\frac{1}{4}$ time?

11 Which model represents a product equivalent to $\frac{2}{3}$?



12 Look at the question.

How much is $\frac{1}{3}$ added four times?

Which expression will answer the question?

F $3 \cdot \frac{1}{4}$

G $\frac{1}{3} \cdot \frac{1}{4}$

H $\frac{1}{3} \cdot 4$

J $\frac{1}{3} \div 4$

13 Which question could be represented by the expression $\frac{1}{8} \div \frac{3}{4}$?

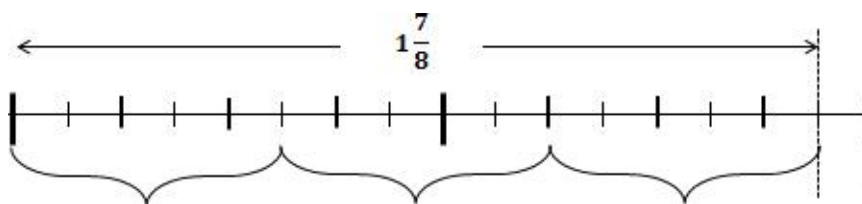
A How many $\frac{1}{8}$ make $\frac{3}{4}$?

B How many $\frac{3}{4}$ make $\frac{1}{8}$?

C How much is $\frac{3}{4}$ times $\frac{1}{8}$?

D How much is $\frac{3}{4}$ divided by $\frac{1}{8}$?

14 Look at the model.



Which expression is represented by the model?

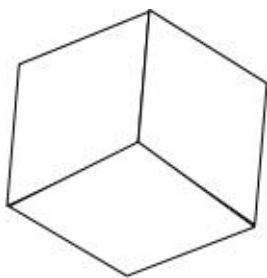
F $1\frac{3}{8} \div 8$

G $1\frac{7}{8} \div 3$

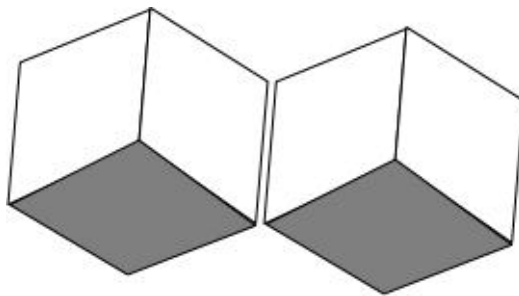
H $\frac{3}{5} \div \frac{1}{8}$

J $\frac{15}{4} \div \frac{1}{3}$

15 This is a whole.



Look at the model.



Which expression represents the shaded area of the model shown?

A $\frac{1}{3} \cdot 2$

B $\frac{1}{3} \cdot 6$

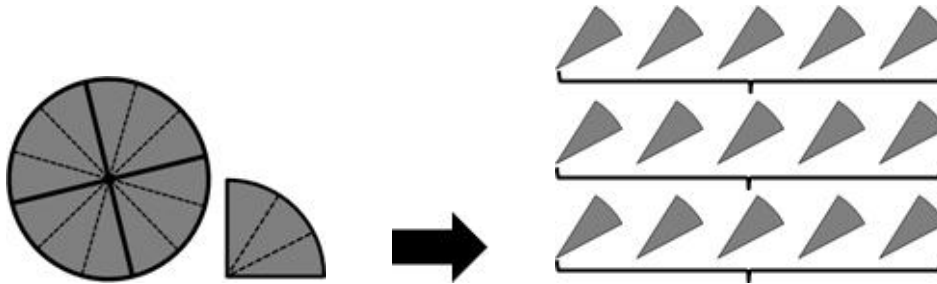
C $\frac{2}{3} \cdot 6$

D $\frac{2}{3} \cdot 2$

16 Given.



Look at the model.



Which expression is represented by the model?

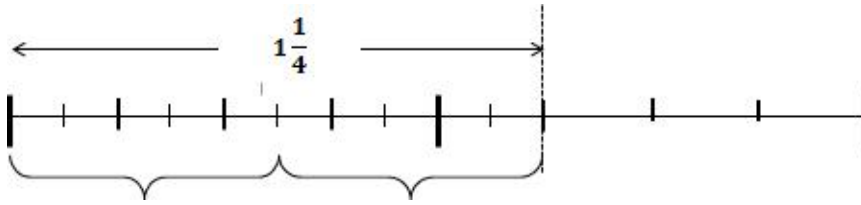
F $1\frac{1}{4} \div 3$

G $\frac{10}{4} \div \frac{1}{3}$

H $\frac{10}{8} \div \frac{1}{3}$

J $1\frac{1}{3} \div 3$

17 Look at the model.



Which expression is represented by the model?

A $1\frac{1}{4} \div 2$

B $\frac{10}{4} \div \frac{1}{2}$

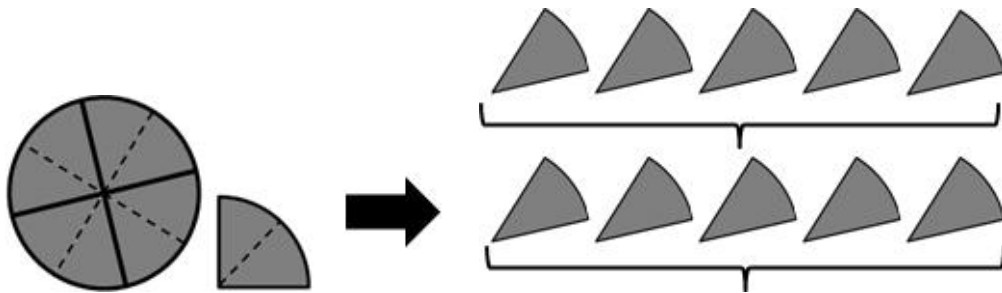
C $1\frac{1}{4} \div 5$

D $\frac{10}{8} \div \frac{1}{5}$

18 Given.



Look at the model.



Which expression is represented by the model?

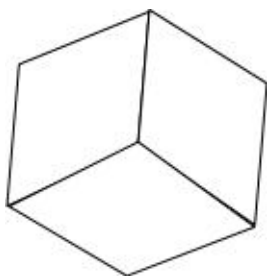
F $\frac{10}{4} \div \frac{1}{2}$

G $\frac{10}{8} \div \frac{1}{5}$

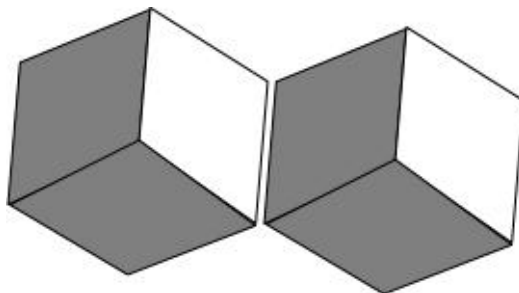
H $1 \frac{1}{4} \div 2$

J $1 \frac{1}{4} \div 5$

19 This is a whole.



Look at the model.



Which expression represents the shaded area of the model shown?

A $\frac{4}{3} \cdot 2$

B $\frac{2}{3} \cdot 2$

C $\frac{2}{3} \cdot 6$

D $\frac{4}{3} \cdot 6$