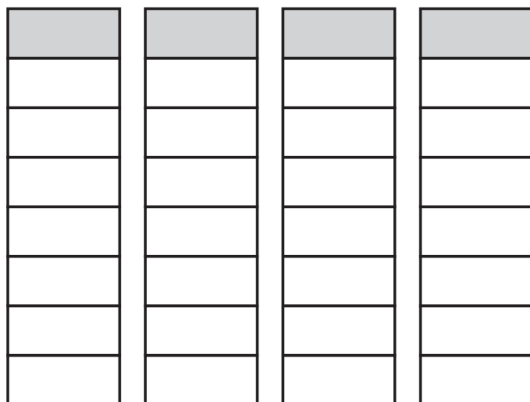


# #1

**B**     $6 \times \frac{1}{3} = \underline{\quad ? \quad}$

Which multiplication sentence can be used to calculate the total shaded area shown in the model below?



**A**     $4 \times \frac{1}{8} = \underline{\quad ? \quad}$

**B**     $8 \times \frac{1}{4} = \underline{\quad ? \quad}$

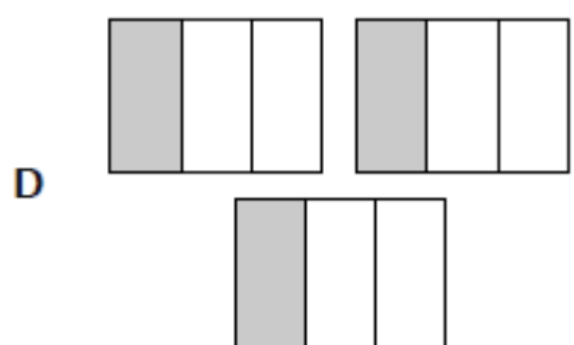
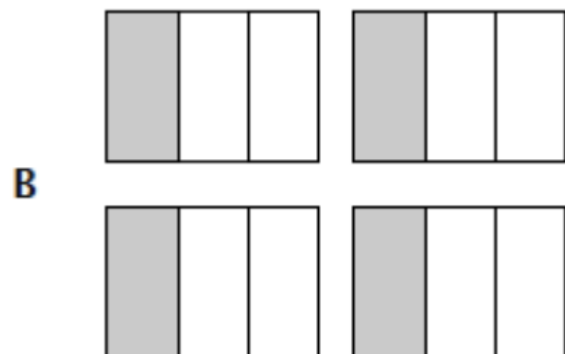
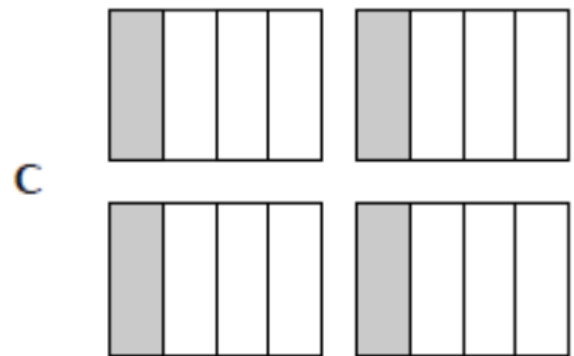
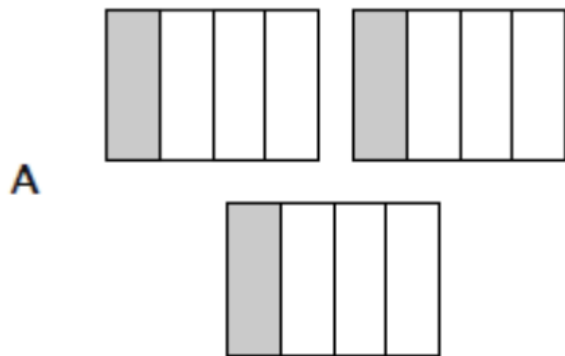
**C**     $4 \times \frac{1}{6} = \underline{\quad ? \quad}$

**D**     $6 \times \frac{1}{4} = \underline{\quad ? \quad}$

# #8

**A**  $4 \times \frac{1}{8} = \underline{\quad? \quad}$

In which model could the shaded parts represent  $4 \times \frac{1}{3}$ ?



# #7

A

$$\frac{56}{10}$$

Which expression has the same value as  $7 \times \frac{3}{4}$  ?

A  $21 \times \frac{3}{4}$

B  $21 \times \frac{3}{28}$

C  $21 \times \frac{1}{4}$

D  $21 \times \frac{1}{28}$

# #6

A

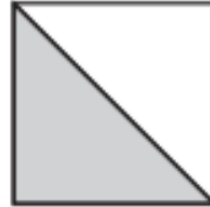
$$5 \times \frac{3}{4} = \frac{15}{20}$$

Which model represents  $3 \times \frac{1}{2}$ ?

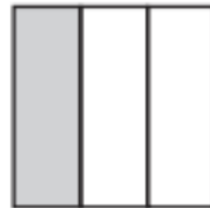
A



B



C



D

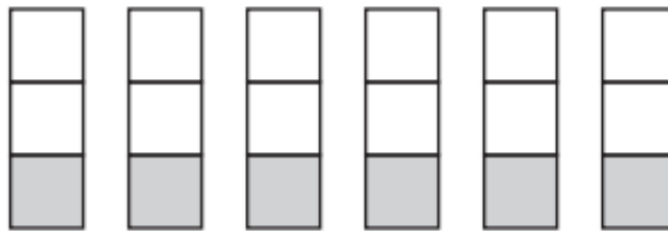


# #5

C

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

The fraction model below represents 6 whole units.



Which number sentence represents the amount of the fraction model that is shaded?

**A**  $6 \times \frac{1}{2} = \underline{\quad? \quad}$

**B**  $6 \times \frac{1}{3} = \underline{\quad? \quad}$

**C**  $3 \times \frac{1}{6} = \underline{\quad? \quad}$

**D**  $3 \times \frac{1}{2} = \underline{\quad? \quad}$

# #4

B



Which mixed number is equivalent to  $\frac{13}{3}$  ?

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

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

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

D  $4\frac{2}{3}$

# #3

**C**

$$21 \times \frac{1}{4}$$

Which equation is **not** true?

**A**  $5 \times \frac{3}{4} = \frac{15}{20}$

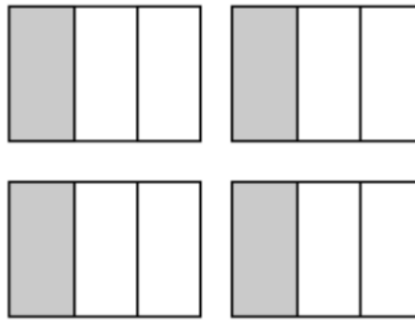
**B**  $4 \times \frac{2}{5} = 8 \times \frac{1}{5}$

**C**  $3 \times \frac{5}{6} = \frac{15}{6}$

**D**  $2 \times \frac{4}{8} = 8 \times \frac{1}{8}$

# #2

B



Allison is training for a race. She runs  $\frac{8}{10}$  mile each day. Which fraction is equivalent to the number of miles Allison runs in 7 days?

A  $\frac{56}{10}$

B  $\frac{15}{10}$

C  $\frac{56}{70}$

D  $\frac{8}{70}$