



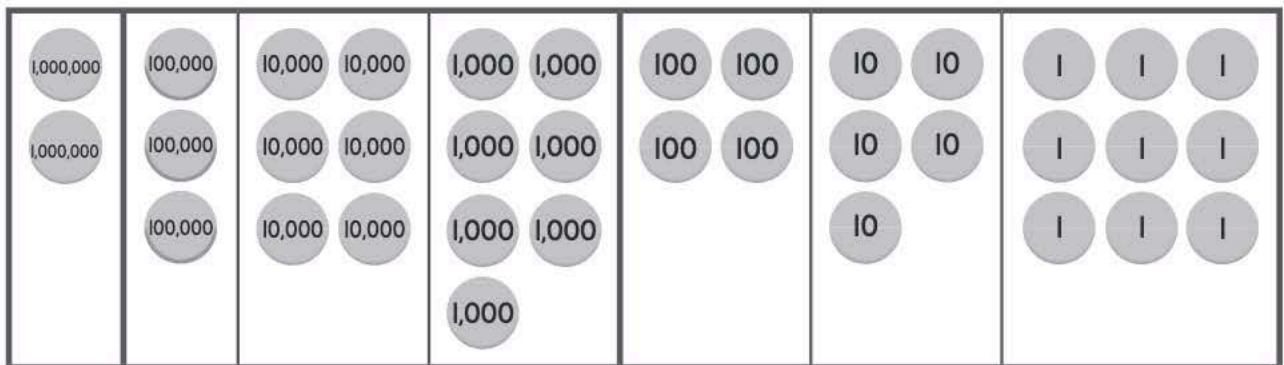
# ADDITIONAL PRACTICE

## MULTI-DIGIT WHOLE NUMBERS

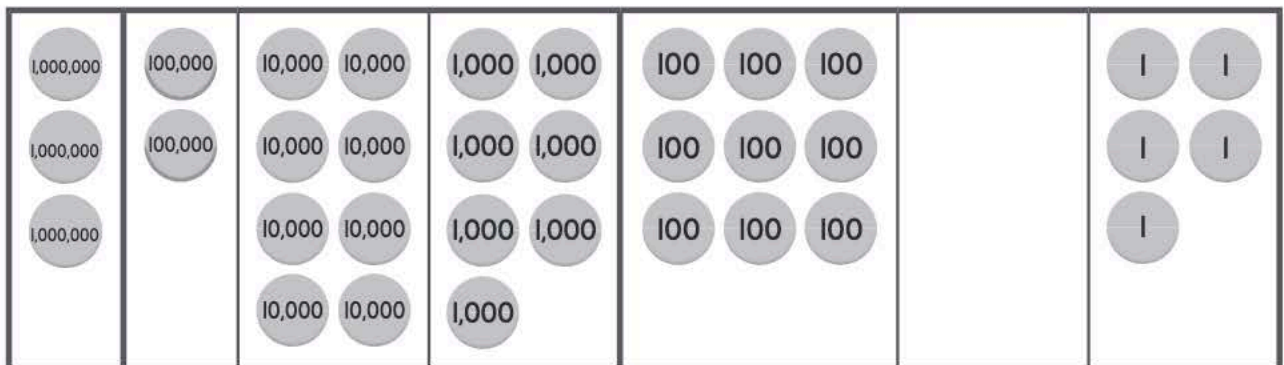
### Exercise 1A Numbers to 10 Million

1. Write the numbers.

(a)



(b)



2. Write nine million, four hundred seven thousand, two hundred fifty-six in standard form.

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3. Write 3,205,870 in word form.

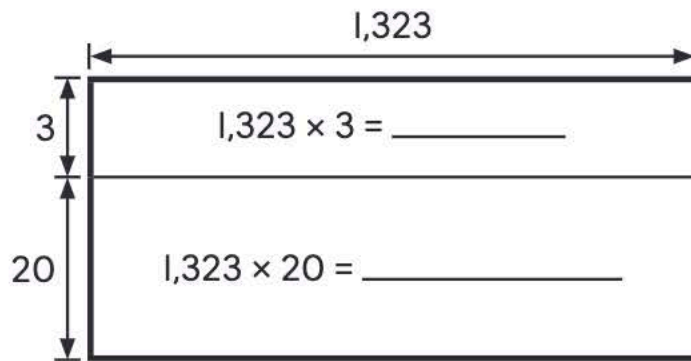
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### Exercise 2B Multiply by a 2-Digit Number Fluently

1. What is  $1,323 \times 23$ ?



$$\begin{array}{r} 1\ 3\ 2\ 3 \\ \times \quad\quad 2\ 3 \\ \hline \end{array}$$

$1,323 \times 23 =$  \_\_\_\_\_

2. Multiply. Show your work.

(a)  $132 \times 31 =$  \_\_\_\_\_

(b)  $398 \times 75 =$  \_\_\_\_\_

(c)  $495 \times 47 =$  \_\_\_\_\_

(d)  $856 \times 76 =$  \_\_\_\_\_

(e)  $4,235 \times 36 =$  \_\_\_\_\_

(f)  $7,283 \times 78 =$  \_\_\_\_\_

3. Fill in the blanks.

(a) \_\_\_\_\_  $\times$  34 = 2,652

2,652  $\div$  34 = \_\_\_\_\_

(b) 55  $\times$  \_\_\_\_\_ = 4,400

4,400  $\div$  55 = \_\_\_\_\_

4. **CONSTRUCT VIABLE ARGUMENTS** Jamie divides 2,352 by 42 in the following way:

2,100  $\div$  42 is 50.

So,

$$\begin{aligned} 2,352 \div 42 &= 2,100 \div 42 + 252 \div 42 \\ &= 50 + 6 \\ &= 56 \end{aligned}$$

Do you agree with Jamie? Explain your thinking.

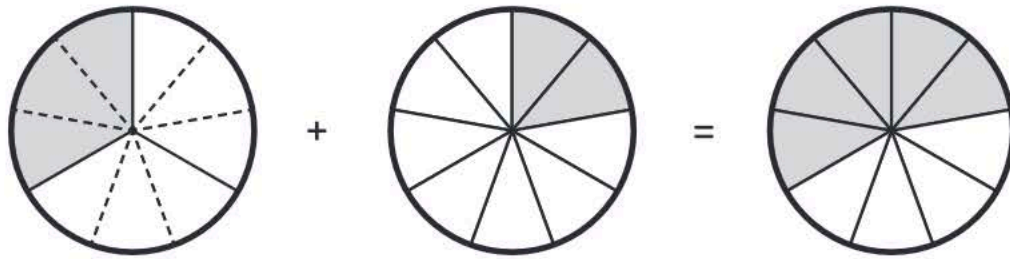
# 3

## ADDITIONAL PRACTICE ADDITION AND SUBTRACTION OF FRACTIONS

### Exercise 3A Add and Subtract Unlike Fractions (I)

I. Add. Express your answers in simplest form.

(a)  $\frac{1}{3} + \frac{2}{9}$



$$\frac{1}{3} + \frac{2}{9} = \frac{\boxed{3}}{9} + \frac{2}{9}$$

$$= \underline{\hspace{2cm}}$$

(b)  $\frac{2}{5} + \frac{3}{10} = \frac{\boxed{4}}{10} + \frac{3}{10}$

$$= \underline{\hspace{2cm}}$$

(c)  $\frac{5}{12} + \frac{1}{3} = \frac{5}{12} + \frac{\boxed{4}}{12}$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$(c) \quad \frac{2}{3} - \frac{2}{5} = \frac{\boxed{\phantom{000}}}{15} - \frac{\boxed{\phantom{000}}}{15}$$

$$= \underline{\hspace{2cm}}$$

2. Subtract. Express your answers in simplest form.

$$(a) \quad \frac{5}{6} - \frac{1}{4}$$

$$(b) \quad \frac{5}{6} - \frac{3}{8}$$

$$(c) \quad \frac{4}{5} - \frac{3}{4}$$

$$(d) \quad \frac{6}{7} - \frac{2}{3}$$

$$(e) \quad \frac{7}{8} - \frac{3}{5}$$

$$(f) \quad \frac{7}{9} - \frac{1}{2}$$

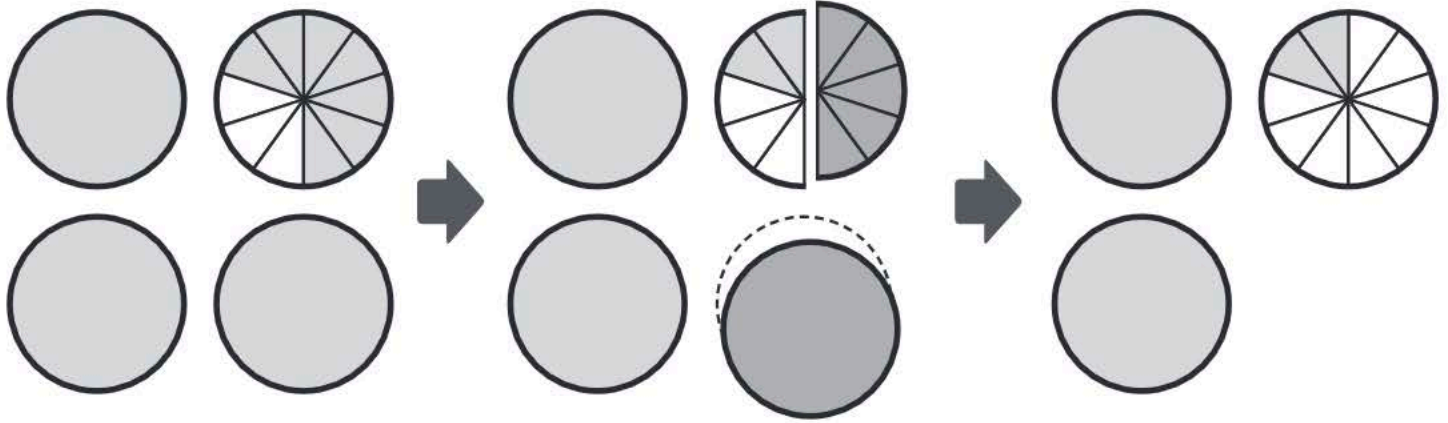
$$(g) \quad \frac{5}{6} - \frac{7}{10}$$

$$(h) \quad \frac{8}{9} - \frac{1}{6}$$

### Exercise 3B Add and Subtract Mixed Numbers (2)

I. Subtract. Express your answers in simplest form.

(a)  $3\frac{7}{10} - 1\frac{1}{2}$

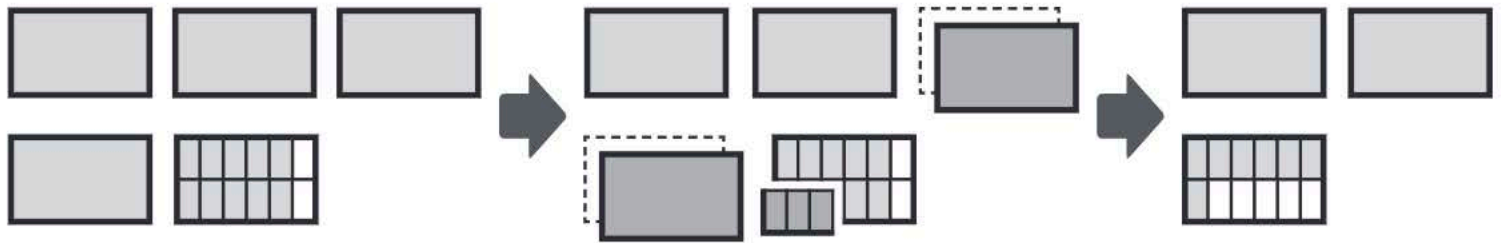


$$3\frac{7}{10} - 1\frac{1}{2} = 3 \frac{\boxed{\phantom{00}}}{10} - 1 \frac{\boxed{\phantom{00}}}{10}$$

= \_\_\_\_\_

= \_\_\_\_\_

(b)  $4\frac{5}{6} - 2\frac{1}{4}$



$$4\frac{5}{6} - 2\frac{1}{4} = 4 \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} - 2 \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

= \_\_\_\_\_