

**Place Value:** ★ Write the place value of the underlined digit. **A**

**Decimals**

Spelling Reference

ones place	tens place	hundreds place
tenths place	hundredths place	thousandths place

A 0.005 thousandths place

B 1.268 \_\_\_\_\_

C 3.068 \_\_\_\_\_

D 4.492 \_\_\_\_\_

E 5.118 \_\_\_\_\_

F 12.37 \_\_\_\_\_

G 24.202 \_\_\_\_\_

H 42.695 \_\_\_\_\_

I 63.870 \_\_\_\_\_

J 2,568.44 \_\_\_\_\_

K 375.601 \_\_\_\_\_

L 4,872.905 \_\_\_\_\_

M 6,215.782 \_\_\_\_\_

5.1B

**Place Value:** ★ Write the value of the indicated digit. **B**

**Value (Decimals)**

A	B
3.4 <u>5</u> 2	0.0 <u>0</u> 2
C	D
6.7 <u>8</u> 4	7. <u>1</u> 19
E	F
11.4 <u>5</u>	19.4 <u>5</u> 3
G	H
245. <u>6</u> 8	367.8 <u>6</u>
I	J
55.2 <u>3</u> 7	63.0 <u>0</u> 5
K	L
72.8 <u>9</u> 1	854.6 <u>3</u>
M	N
1,254. <u>8</u>	3,784.2 <u>5</u>
O	P
589.1 <u>1</u> 3	619.7 <u>0</u> 5
Q	R
3,567. <u>2</u> 1	499.3 <u>5</u> 7

5.1B

**Place Value:  
Composition (Decimals)**

★ Write the number of ones, tens, hundreds, etcetera, that make each number.

**A**

A 19.263  
 thousandths  
 tenths  
 ones  
 hundredths  
 tens

B 20.184  
 tens  
 thousandths  
 tenths  
 ones  
 hundredths

C 38.026  
 thousandths  
 tens  
 hundredths  
 tenths  
 ones

D 135.791  
 thousandths  
 tens  
 ones  
 tenths  
 hundreds  
 hundredths

E 226.824  
 hundredths  
 hundreds  
 tenths  
 tens  
 thousandths  
 ones

F 319.037  
 tenths  
 ones  
 hundredths  
 thousandths  
 hundreds  
 tens

G 437.005  
 ones  
 tenths  
 tens  
 thousandths  
 hundreds  
 hundredths

H 599.206  
 hundredths  
 tens  
 tenths  
 ones  
 hundreds  
 thousandths

I 613.009  
 hundreds  
 thousandths  
 tens  
 tenths  
 ones  
 hundredths

J 708.032  
 hundredths  
 ones  
 tenths  
 thousandths  
 tens  
 hundreds

K 800.572  
 tens  
 hundreds  
 tenths  
 ones  
 hundredths  
 thousandths

L 900.099  
 ones  
 thousandths  
 hundredths  
 hundreds  
 tens  
 tenths

5.1B

**Place Value:  
Composition (Decimals)**

★ Write each number based on its composition.

**B**

A 23.478  
 thousandths  
 tenths  
 ones  
 hundredths  
 tens

B  tens  
 thousandths  
 tenths  
 ones  
 hundredths

C  thousandths  
 tens  
 hundredths  
 tenths  
 ones

D  thousandths  
 ones  
 hundredths  
 hundreds  
 tens  
 tenths

E  hundreds  
 tenths  
 tens  
 thousandths  
 ones  
 hundredths

F  tens  
 thousandths  
 tenths  
 hundreds  
 hundredths  
 ones

G  hundredths  
 tenths  
 ones  
 thousandths  
 hundreds  
 tens

H  thousandths  
 ones  
 tenths  
 tens  
 hundredths  
 hundreds

I  hundredths  
 tens  
 hundreds  
 thousandths  
 ones  
 tenths

J  ones  
 hundreds  
 thousandths  
 tens  
 tenths  
 hundredths

K  thousandths  
 hundredths  
 ones  
 tenths  
 tens  
 hundreds

L  tenths  
 thousandths  
 tens  
 hundredths  
 ones  
 hundreds

5.1B

**Fractions: Equivalent** ★ Multiply the numerator and denominator by 2 to make an equivalent fraction. **A**

A $\frac{1}{2} \times 2 = \frac{2}{4}$	B $\frac{1}{3} \times 2 = \underline{\hspace{1cm}}$	C $\frac{1}{5} \times 2 = \underline{\hspace{1cm}}$
D $\frac{1}{4} \times 2 = \underline{\hspace{1cm}}$	E $\frac{2}{3} \times 2 = \underline{\hspace{1cm}}$	F $\frac{2}{4} \times 2 = \underline{\hspace{1cm}}$
G $\frac{2}{5} \times 2 = \underline{\hspace{1cm}}$	H $\frac{3}{4} \times 2 = \underline{\hspace{1cm}}$	I $\frac{3}{5} \times 2 = \underline{\hspace{1cm}}$
J $\frac{4}{8} \times 2 = \underline{\hspace{1cm}}$	K $\frac{6}{10} \times 2 = \underline{\hspace{1cm}}$	L $\frac{5}{10} \times 2 = \underline{\hspace{1cm}}$

5.2A

**Fractions: Simplified Equivalent** ★ Divide the numerator and denominator by 2 to make a simplified equivalent fraction. **B**

A $\frac{2}{4} \div 2 = \frac{1}{2}$	B $\frac{2}{10} \div 2 = \underline{\hspace{1cm}}$	C $\frac{2}{8} \div 2 = \underline{\hspace{1cm}}$
D $\frac{4}{6} \div 2 = \underline{\hspace{1cm}}$	E $\frac{4}{8} \div 2 = \underline{\hspace{1cm}}$	F $\frac{2}{12} \div 2 = \underline{\hspace{1cm}}$
G $\frac{4}{10} \div 2 = \underline{\hspace{1cm}}$	H $\frac{4}{12} \div 2 = \underline{\hspace{1cm}}$	I $\frac{6}{8} \div 2 = \underline{\hspace{1cm}}$
J $\frac{6}{12} \div 2 = \underline{\hspace{1cm}}$	K $\frac{8}{10} \div 2 = \underline{\hspace{1cm}}$	L $\frac{10}{20} \div 2 = \underline{\hspace{1cm}}$

5.2A

**Fractions: Equivalent** ★ Multiply the numerator and denominator by 2 or 3 to make an equivalent fraction. **C**

A $\frac{1}{3} \times 2 = \frac{2}{4}$	B $\frac{1}{2} \times 3 = \underline{\hspace{1cm}}$	C $\frac{2}{3} \times 2 = \underline{\hspace{1cm}}$
D $\frac{1}{4} \times 3 = \underline{\hspace{1cm}}$	E $\frac{2}{4} \times 2 = \underline{\hspace{1cm}}$	F $\frac{2}{3} \times 3 = \underline{\hspace{1cm}}$
G $\frac{1}{4} \times 2 = \underline{\hspace{1cm}}$	H $\frac{1}{5} \times 3 = \underline{\hspace{1cm}}$	I $\frac{4}{5} \times 2 = \underline{\hspace{1cm}}$
J $\frac{3}{4} \times 3 = \underline{\hspace{1cm}}$	K $\frac{2}{5} \times 2 = \underline{\hspace{1cm}}$	L $\frac{4}{5} \times 3 = \underline{\hspace{1cm}}$

5.2A

**Fractions: Simplified Equivalent** ★ Divide the numerator and denominator by 2 or 3 to make a simplified equivalent fraction. **D**

A $\frac{4}{8} \div 2 = \frac{2}{4}$	B $\frac{3}{6} \div 3 = \underline{\hspace{1cm}}$	C $\frac{2}{10} \div 2 = \underline{\hspace{1cm}}$
D $\frac{3}{9} \div 3 = \underline{\hspace{1cm}}$	E $\frac{6}{12} \div 2 = \underline{\hspace{1cm}}$	F $\frac{3}{12} \div 3 = \underline{\hspace{1cm}}$
G $\frac{4}{8} \div 2 = \underline{\hspace{1cm}}$	H $\frac{6}{9} \div 3 = \underline{\hspace{1cm}}$	I $\frac{8}{10} \div 2 = \underline{\hspace{1cm}}$
J $\frac{9}{12} \div 3 = \underline{\hspace{1cm}}$	K $\frac{10}{12} \div 2 = \underline{\hspace{1cm}}$	L $\frac{6}{12} \div 3 = \underline{\hspace{1cm}}$

5.2A

**Fractions:** ★ Write each fraction in simplest form.  
**Simplifying**

**A**

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

B  $\frac{3}{9} = \underline{\hspace{1cm}}$

C  $\frac{5}{10} = \underline{\hspace{1cm}}$

D  $\frac{4}{12} = \underline{\hspace{1cm}}$

E  $\frac{2}{8} = \underline{\hspace{1cm}}$

F  $\frac{3}{12} = \underline{\hspace{1cm}}$

G  $\frac{6}{12} = \underline{\hspace{1cm}}$

H  $\frac{4}{16} = \underline{\hspace{1cm}}$

I  $\frac{2}{10} = \underline{\hspace{1cm}}$

J  $\frac{3}{15} = \underline{\hspace{1cm}}$

K  $\frac{5}{20} = \underline{\hspace{1cm}}$

L  $\frac{6}{24} = \underline{\hspace{1cm}}$

M  $\frac{7}{14} = \underline{\hspace{1cm}}$

N  $\frac{4}{24} = \underline{\hspace{1cm}}$

O  $\frac{2}{20} = \underline{\hspace{1cm}}$

P  $\frac{3}{21} = \underline{\hspace{1cm}}$

Q  $\frac{6}{36} = \underline{\hspace{1cm}}$

R  $\frac{7}{21} = \underline{\hspace{1cm}}$

S  $\frac{5}{25} = \underline{\hspace{1cm}}$

T  $\frac{8}{16} = \underline{\hspace{1cm}}$

U  $\frac{3}{30} = \underline{\hspace{1cm}}$

V  $\frac{4}{8} = \underline{\hspace{1cm}}$

W  $\frac{7}{28} = \underline{\hspace{1cm}}$

X  $\frac{2}{16} = \underline{\hspace{1cm}}$

Y  $\frac{5}{40} = \underline{\hspace{1cm}}$

Z  $\frac{3}{18} = \underline{\hspace{1cm}}$

AA  $\frac{4}{20} = \underline{\hspace{1cm}}$

5.2A

**Fractions:** ★ Write each fraction in simplest form.  
**Simplifying**

**B**

A  $\frac{3}{6} = \underline{\hspace{1cm}}$

B  $\frac{4}{16} = \underline{\hspace{1cm}}$

C  $\frac{5}{20} = \underline{\hspace{1cm}}$

D  $\frac{6}{12} = \underline{\hspace{1cm}}$

E  $\frac{2}{14} = \underline{\hspace{1cm}}$

F  $\frac{3}{15} = \underline{\hspace{1cm}}$

G  $\frac{2}{24} = \underline{\hspace{1cm}}$

H  $\frac{5}{30} = \underline{\hspace{1cm}}$

I  $\frac{4}{24} = \underline{\hspace{1cm}}$

J  $\frac{7}{35} = \underline{\hspace{1cm}}$

K  $\frac{3}{30} = \underline{\hspace{1cm}}$

L  $\frac{6}{24} = \underline{\hspace{1cm}}$

M  $\frac{8}{16} = \underline{\hspace{1cm}}$

N  $\frac{4}{12} = \underline{\hspace{1cm}}$

O  $\frac{2}{20} = \underline{\hspace{1cm}}$

P  $\frac{3}{21} = \underline{\hspace{1cm}}$

Q  $\frac{9}{18} = \underline{\hspace{1cm}}$

R  $\frac{6}{36} = \underline{\hspace{1cm}}$

S  $\frac{5}{50} = \underline{\hspace{1cm}}$

T  $\frac{8}{32} = \underline{\hspace{1cm}}$

U  $\frac{7}{28} = \underline{\hspace{1cm}}$

V  $\frac{9}{36} = \underline{\hspace{1cm}}$

W  $\frac{2}{18} = \underline{\hspace{1cm}}$

X  $\frac{9}{27} = \underline{\hspace{1cm}}$

Y  $\frac{4}{32} = \underline{\hspace{1cm}}$

Z  $\frac{5}{45} = \underline{\hspace{1cm}}$

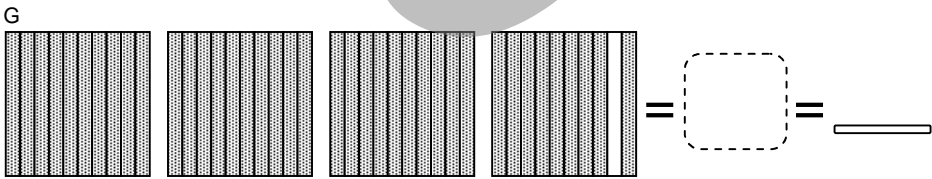
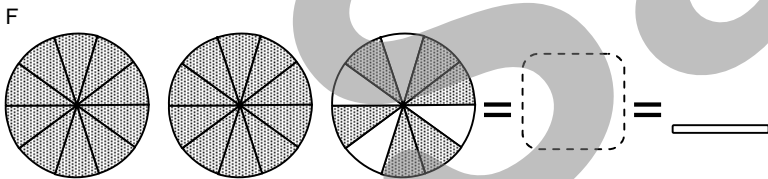
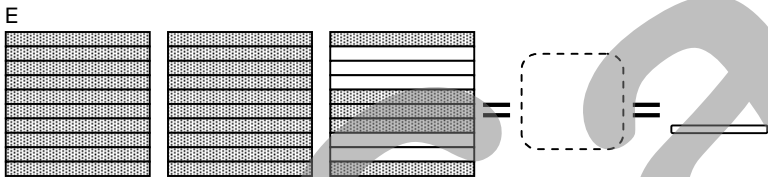
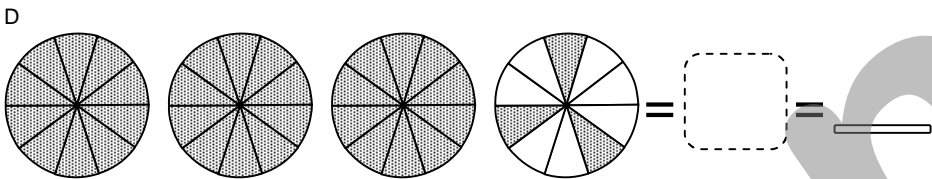
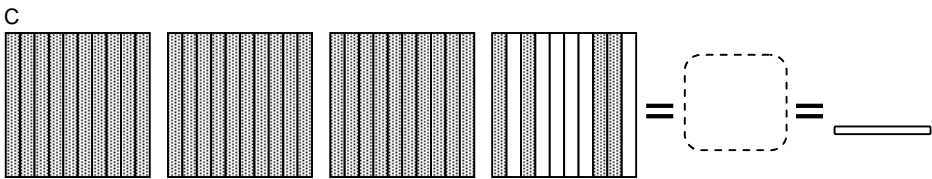
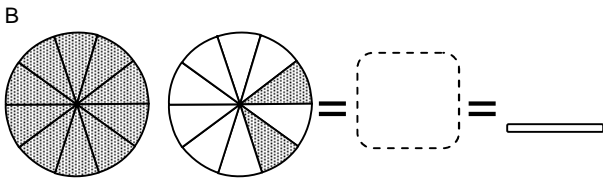
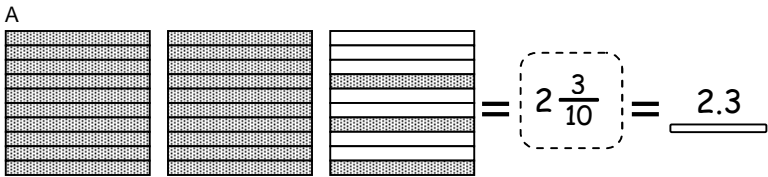
AA  $\frac{8}{40} = \underline{\hspace{1cm}}$

5.2A

**Decimal Models:**  
**Tenths**

★ Describe each model with a mixed number and a decimal.

**A**

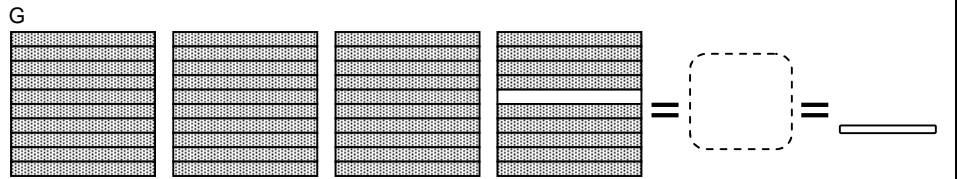
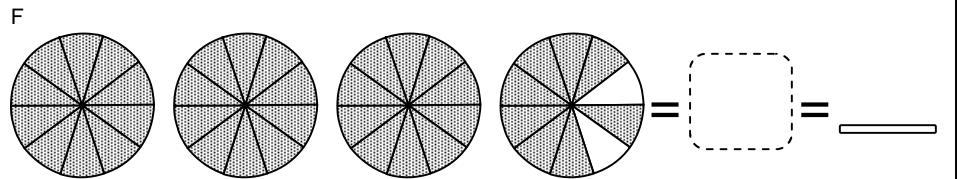
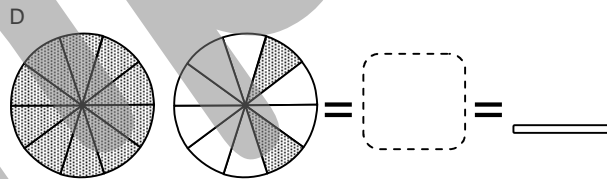
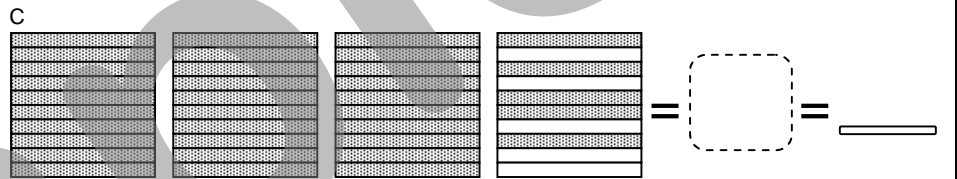
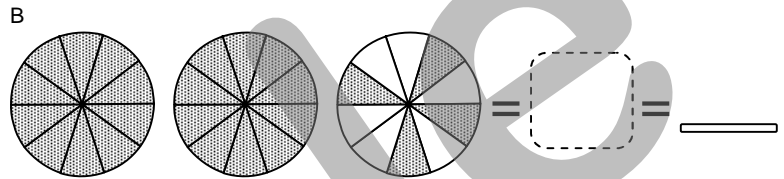
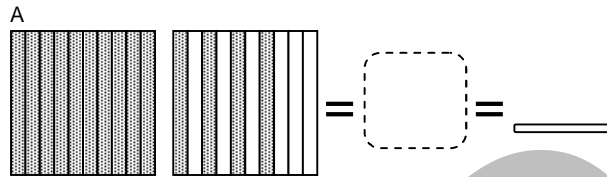


**5.2D**

**Decimal Models:**  
**Tenths**

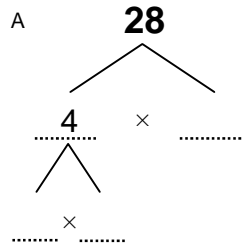
★ Describe each model with a mixed number and a decimal.

**B**

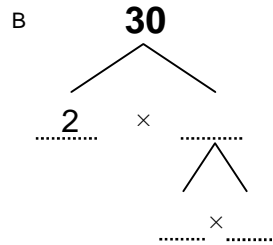


**5.2D**

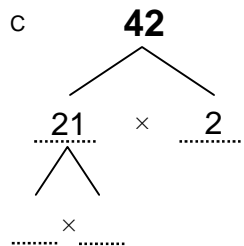
**Prime Factors:** ★ Complete each prime factorization tree. Then write the prime factorization. **A**



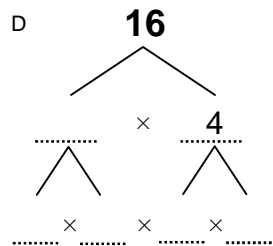
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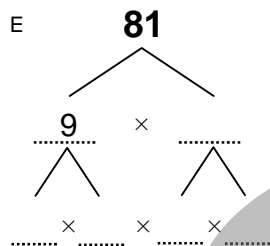
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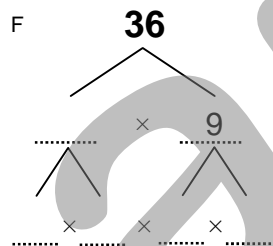
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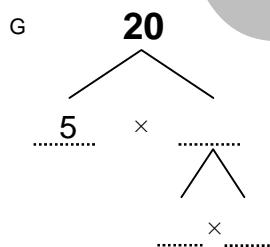
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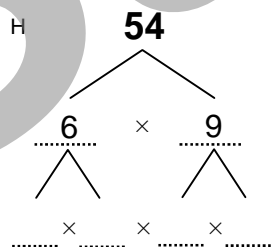
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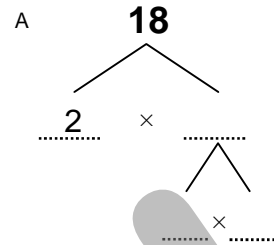
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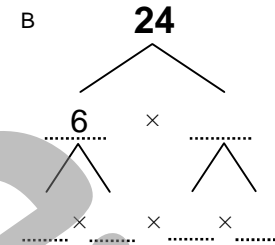
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5.5B

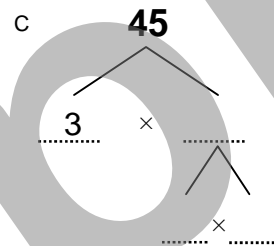
**Prime Factors:** ★ Complete each prime factorization tree. Then write the prime factorization. **B**



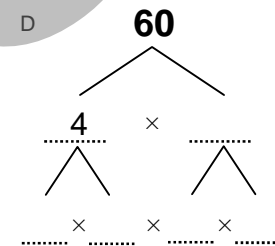
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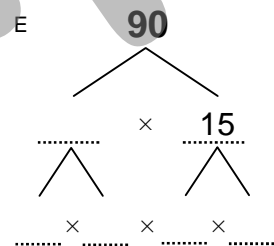
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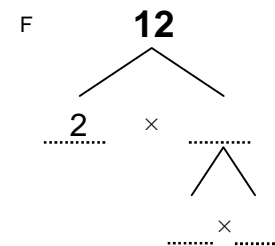
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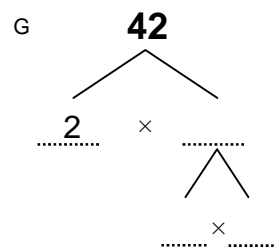
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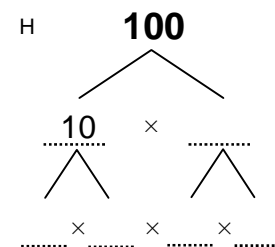
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5.5B