

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 4.9 <u>0</u> 2	
C	D
6.7 <u>8</u> 4 7.1 <u>1</u> 9	
E	F
11.4 <u>5</u> 19.4 <u>5</u> 3	
G	H
245.6 <u>8</u> 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
1,254.8 3,784.2 <u>5</u>	
O	P
589.1 <u>1</u> 3 619.7 <u>0</u> 5	
Q	R
3,567.2 <u>1</u> 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

- 3 thousandths
- 2 tenths
- 9 ones
- 6 hundredths
- 1 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

- 8 thousandths
- 4 tenths
- 3 ones
- 7 hundredths
- 2 tens

B

- 5 tens
- 6 thousandths
- 2 tenths
- 0 ones
- 9 hundredths

C

- 2 thousandths
- 8 tens
- 5 hundredths
- 0 tenths
- 9 ones

D

- 5 thousandths
- 4 ones
- 9 hundredths
- 1 hundreds
- 3 tens
- 6 tenths

E

- 2 hundreds
- 0 tenths
- 4 tens
- 8 thousandths
- 5 ones
- 6 hundredths

F

- 4 tens
- 9 thousandths
- 5 tenths
- 3 hundreds
- 0 hundredths
- 8 ones

G

- 9 hundredths
- 5 tenths
- 0 ones
- 6 thousandths
- 4 hundreds
- 0 tens

H

- 6 thousandths
- 9 ones
- 0 tenths
- 9 tens
- 4 hundredths
- 5 hundreds

I

- 0 hundredths
- 7 tens
- 6 hundreds
- 5 thousandths
- 8 ones
- 9 tenths

J

- 7 ones
- 7 hundreds
- 9 thousandths
- 4 tens
- 2 tenths
- 5 hundredths

K

- 6 thousandths
- 4 hundredths
- 7 ones
- 0 tenths
- 1 tens
- 8 hundreds

L

- 2 tenths
- 0 thousandths
- 1 tens
- 0 hundredths
- 1 ones
- 9 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. **A**
Simplifying

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

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

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

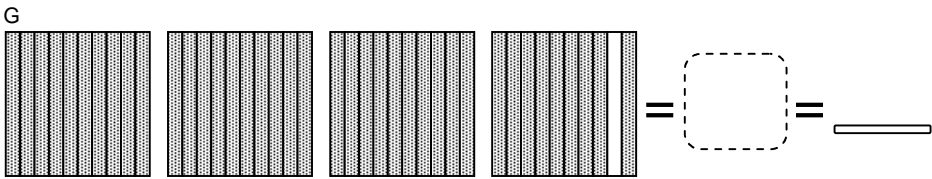
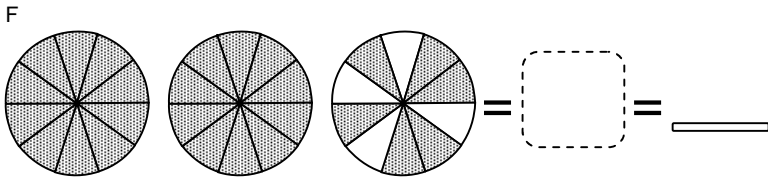
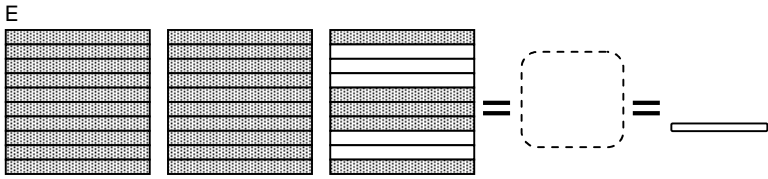
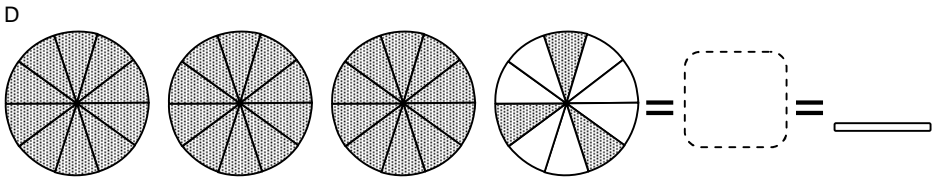
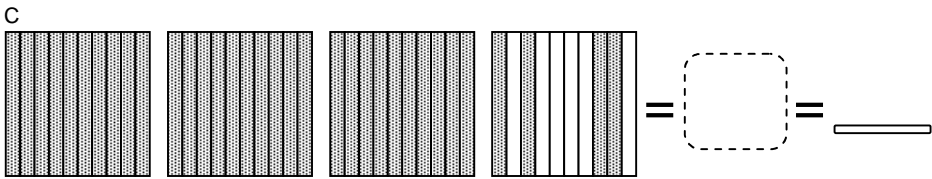
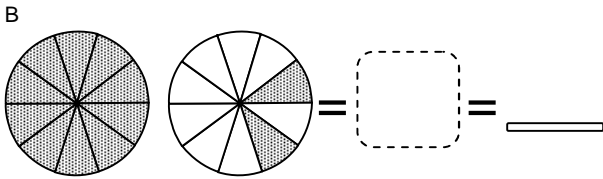
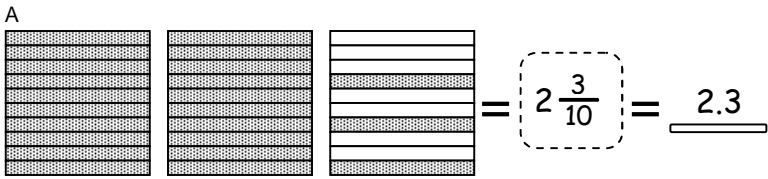
Y $\frac{4}{32} = \underline{\hspace{1cm}}$ Z $\frac{5}{45} = \underline{\hspace{1cm}}$ AA $\frac{8}{40} = \underline{\hspace{1cm}}$

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Decimal Models:
Tenths

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

A

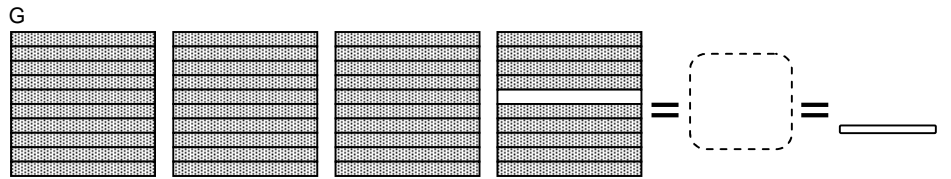
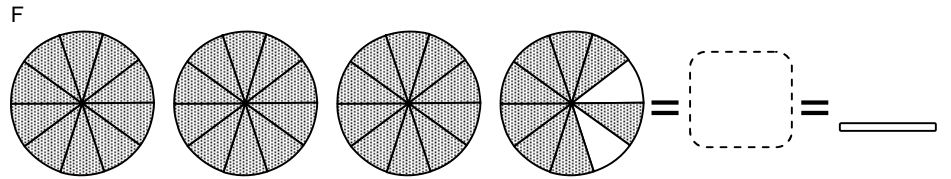
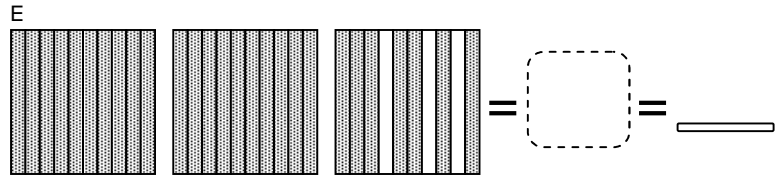
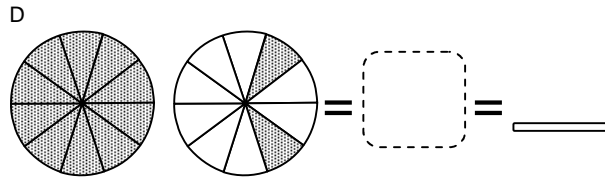
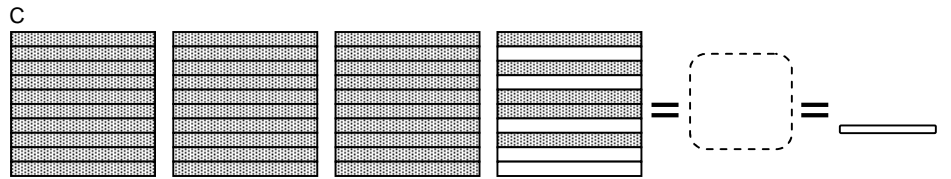
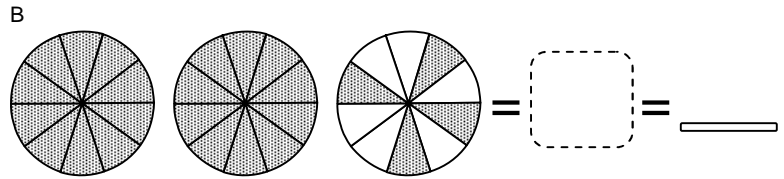
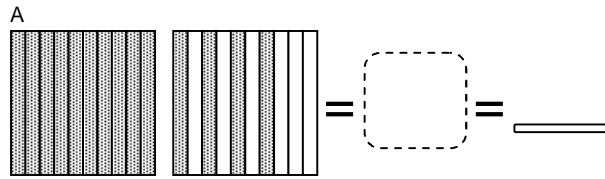


5.2D

Decimal Models:
Tenths

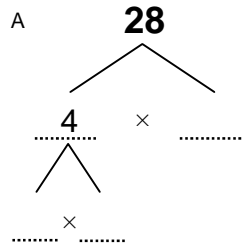
★ Describe each model with a mixed number and a decimal.

B

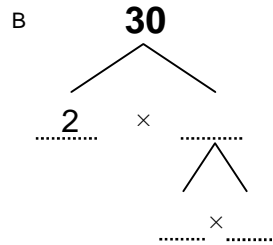


5.2D

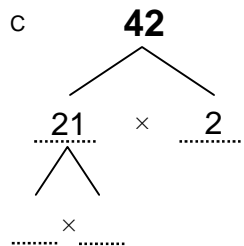
Prime Factors: ★ Complete each prime factorization tree. Then write the prime factorization. **A**



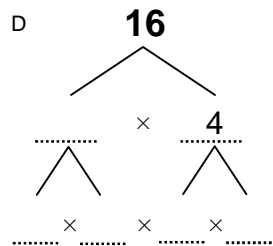
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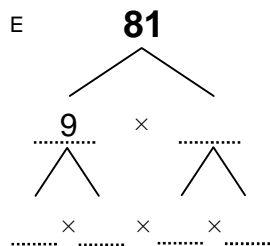
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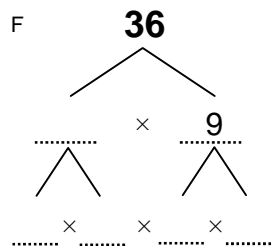
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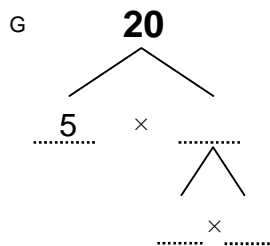
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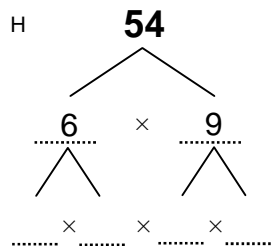
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PF: _____



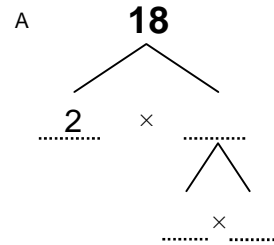
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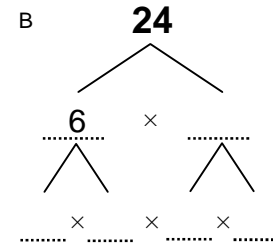
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5.5B

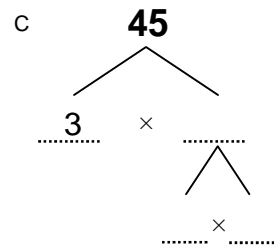
Prime Factors: ★ Complete each prime factorization tree. Then write the prime factorization. **B**



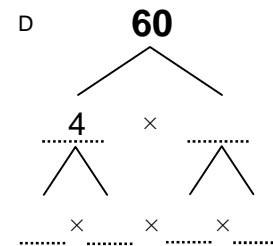
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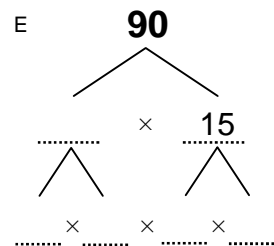
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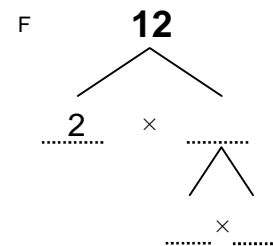
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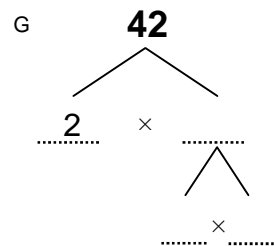
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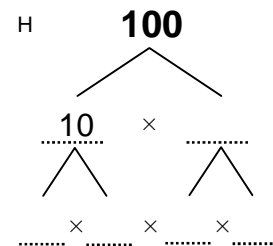
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PF: _____



PF: _____



PF: _____

5.5B