Math
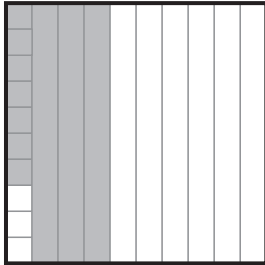
- **fraction, decimal, and percent**

A. Write a fraction, decimal, and percent for the shaded and unshaded parts of each grid.
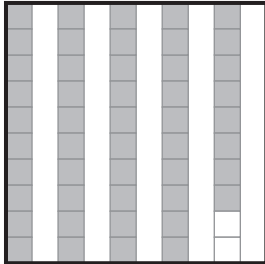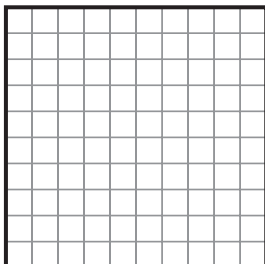
1.

Shaded: _____

Unshaded: _____

2.

Shaded: _____

Unshaded: _____

B. Shade each grid to show the percent. Then describe the shaded part with a fraction and a decimal.

1. **60%**
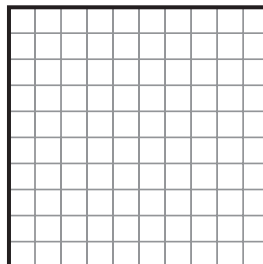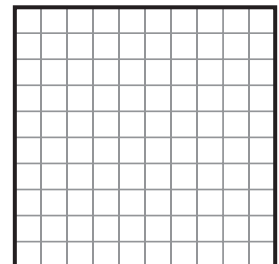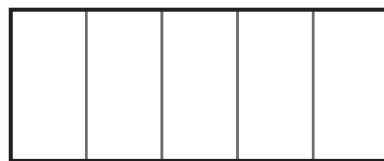
2. **15%**

3. **80%**

_____ _____   _____ _____   _____ _____

C.   Shade the figures and find the numbers.

1.

$\dfrac{3}{5}$ _____   _____   _____
fraction   decimal   percent

2.

_____   0.8   _____
fraction   decimal   percent

3.

△ △ △ △ △

_____   _____   40%
fraction   decimal   percent

4.
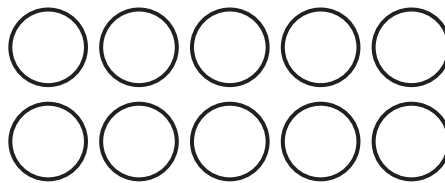
$\dfrac{3}{10}$ _____   _____   _____
fraction   decimal   percent

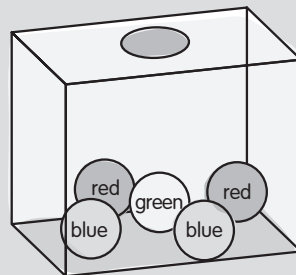**D.   Find each amount. Show your work.**

1.   50% of 32

2.   25% of 44

What is the probability of picking a red ball from the box?

(A) 0.04   (B) 40%

(C) $\dfrac{40}{10}$ (D) $\dfrac{1}{4}$
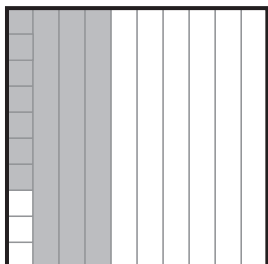
red   green   red
blue   blue

- fraction, decimal, and percent

A. Write a fraction, decimal, and percent for the shaded and unshaded parts of each grid.
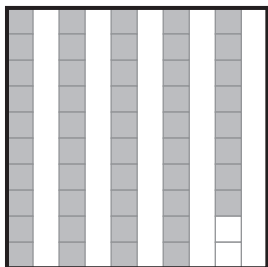
1.

Shaded: $\frac{37}{100}$, 0.37, 37%

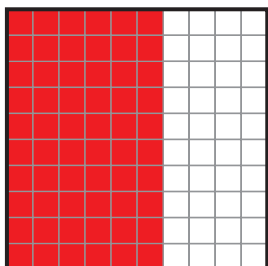Unshaded: $\frac{63}{100}$, 0.63, 63%

2.

Shaded: $\frac{48}{100}$, 0.48, 48%

Unshaded: $\frac{52}{100}$, 0.52, 52%

B. Shade each grid to show the percent. Then describe the shaded part with a fraction and a decimal.
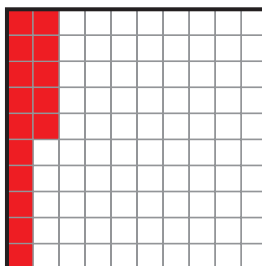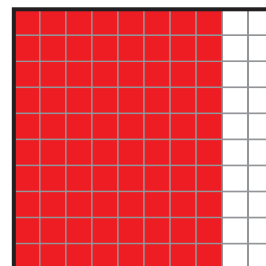
1.
60%

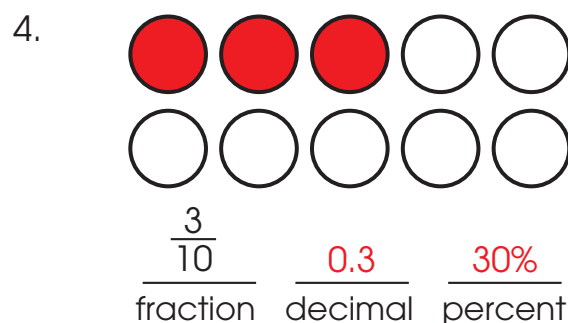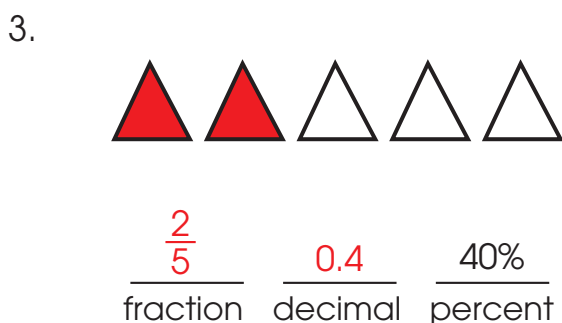$\frac{60}{100}$ 0.6

2.
15%

$\frac{15}{100}$ 0.15

3.
80%

$\frac{80}{100}$ 0.8

C. Shade the figures and find the numbers.

1.

$\dfrac{3}{5}$ 0.6   60%

fraction   decimal   percent

2.

$\dfrac{4}{5}$ 0.8   80%

fraction   decimal   percent

3.

$\dfrac{2}{5}$ 0.4   40%

fraction   decimal   percent

4.

$\dfrac{3}{10}$ 0.3   30%

fraction   decimal   percent
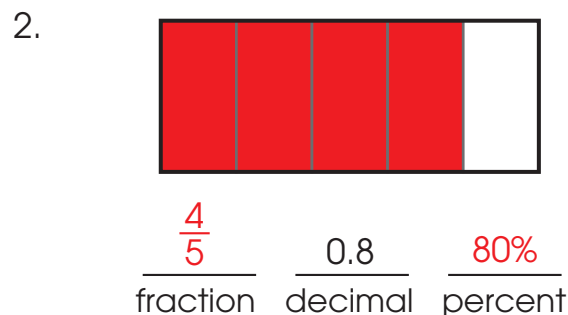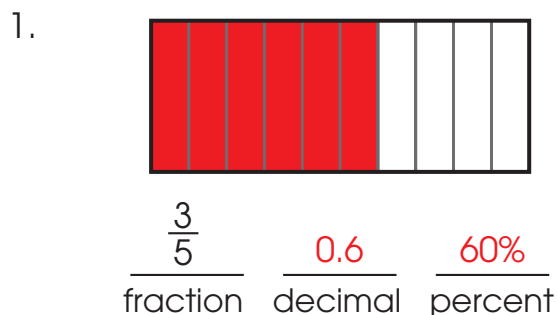
D. Find each amount. Show your work.

1. 50% of 32

$50\% = \dfrac{1}{2}$

$\dfrac{1}{2}$ of 32 = $\dfrac{32}{2}$ = 16

2. 25% of 44

$25\% = \dfrac{1}{4}$

$\dfrac{1}{4}$ of 44 = $\dfrac{44}{4}$ = 11

BONUS

What is the probability of picking a red ball from the box?

A) 0.04   ✓ 40%

C) $\dfrac{40}{10}$ D) $\dfrac{1}{4}$