

Does Order Matter?

Place the letter that goes with each statement in the correct oval.

A Fasten five shirt buttons

B Fill and seal an envelope

C Put on your shoes

D Floss your teeth

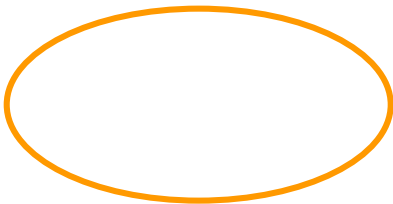
E Put on a shirt and tie

F Bake and frost a cake

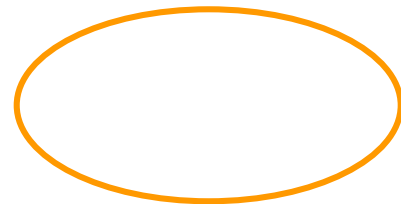
G Wash a dozen dishes

H Chew and swallow

Order Matters



Order Doesn't Matter



Circle the statements that are true.

$$3 + 5 \stackrel{?}{=} 5 + 3$$

$$5 - 3 \stackrel{?}{=} 3 - 5$$

$$9 \times 3 \stackrel{?}{=} 3 \times 9$$

$$9 \div 3 \stackrel{?}{=} 3 \div 9$$

The true equations show the Commutative Properties of Addition and Multiplication. Why do you think they are called *commutative*?

What does the word *commute* mean?

Circle the statements that are true.

$$8 + (3 + 1) \stackrel{?}{=} (8 + 3) + 1$$

$$8 - (3 - 1) \stackrel{?}{=} (8 - 3) - 1$$

$$12 \times (6 \times 2) \stackrel{?}{=} (12 \times 6) \times 2$$

$$12 \div (6 \div 2) \stackrel{?}{=} (12 \div 6) \div 2$$

The true equations show the Associative Properties of Addition and Multiplication. Why do you think they are called *associative*?

What does the word *associate* mean?