#1

Which property of multiplication is shown?

$$5 \times 1 = 5$$

- O Commutative O Distributive O Zero
  - O Identity O Associative

Show your work

#2

Which property of multiplication is shown?

$$5\times(2\times4)=(5\times2)\times4$$

- O Zero O Commutative O Distributive
  - O Associative O Identity

Show your work

#3

Which property of multiplication is shown?

$$4 \times (2+3) = 4 \times 2 + 4 \times 3$$

- AssociativeCommutativeZero
  - DistributiveIdentity

#4

Which property of multiplication is shown?

$$3 \times (5 \times 1) = (3 \times 5) \times 1$$

- O Commutative O Associative O Identity
  - O Zero O Distributive

Show your work

#5

Which property of multiplication is shown?

$$5\times2-5\times1=5\times(2-1)$$

- O Identity O Commutative O Associative
  - igcup Distributive igcup Zero

Show your work

#6

Which property of multiplication is shown?

$$2 \times 3 = 3 \times 2$$

- O Associative O Distributive O Zero
  - O Commutative O Identity

Which property of multiplication is shown?

$$1 \times 0 = 0$$

- Identity
- Associative
- Zero

- Commutative
- Distributive

Show your work

#8

Which property of multiplication is shown?

$$1\times(5-4)=1\times5-1\times4$$

- Associative
- O Zero
- O Identity
- Commutative
- Distributive

Show your work

#9

Which property of multiplication is shown?

$$2\times(5\times3)=(2\times5)\times3$$

- Distributive
- Commutative
  Associative

- Zero
- Identity

#10

Which property of multiplication is shown?

$$2 \times 3 - 2 \times 1 = 2 \times (3 - 1)$$

- O Identity
  - O Commutative O Associative

- Distributive
- Zero

Show your work

#11

Which property of multiplication is shown?

$$1\times4+1\times2=1\times(4+2)$$

- Commutative
- O Identity
- Distributive

- Associative
- O Zero

Show your work

#12

Which property of multiplication is shown?

$$3\times(1+5)=3\times1+3\times5$$

- Commutative
- O Identity
- Zero

- Distributive
- Associative

## **a+b** Properties of Multiplication with Factors Up to 12

## Answer Key

Question	Answer
#1	choice 4
#2	choice 4
#3	choice 4
#4	choice 2
#5	choice 4
#6	choice 4
#7	choice 3
#8	choice 5
#9	choice 3
#10	choice 4
#11	choice 3
#12	choice 4