



Chapter 1 Warm-Ups

Warm-Up #1

Simplify each expression. Explain each step using PROPERTIES.

1) $6 + (14 + x)$

2) $(3.1 + x) + 7.4$

3) $5(12y)$

Simplify.

4) $317 + 1.932$

5) $31 - 19.32$

6) Which is not a whole number:
2, 40, -3, 0

Warm-Up #2

FACEBOOK MATH! Simplify each expression.

1)

$$4 \times 4 + 4 \times 4 + 4 - 4 \times 4 = ?$$

2)

$$1 + 1 + 1 + 1 + 1 + 1 + 1 \times 0$$

3)

$$60^2 \div 2(3) + 4$$

Warm-Up #3

Answer in a complete sentence. (You don't need to copy the question)

1) What does absolute value ask for?

Simplify.

2) $|6|$

3) $|-11|$

4) $|0|$

5) $-|-5|$

Simplify, compare using $<$, $>$, or $=$.

6) $|-9|$ ___ $|7|$

7) Seawater freezes at -2°C , while honey freezes at -3°C . Which of these is closer to the freezing point of water, 0°C ?

8) Order greatest to least: 4 , $|7|$, -1 , $|-3|$, -4

Warm-Up #4

Answer in complete sentences. (You don't need to copy the question)

- 1) What is an integer?
- 2) Name 2 opposites.
- 3) What is the additive inverse of -5?

Simplify.

4) $-3 + (-12)$

5) $-11 + 6$

6) $12 + (-5)$

7) $4 + (-4)$

What is this relationship called?

Find the change in the account balance.

8)

Deposit	\$35
Deposit	\$40
Withdrawal	-\$25

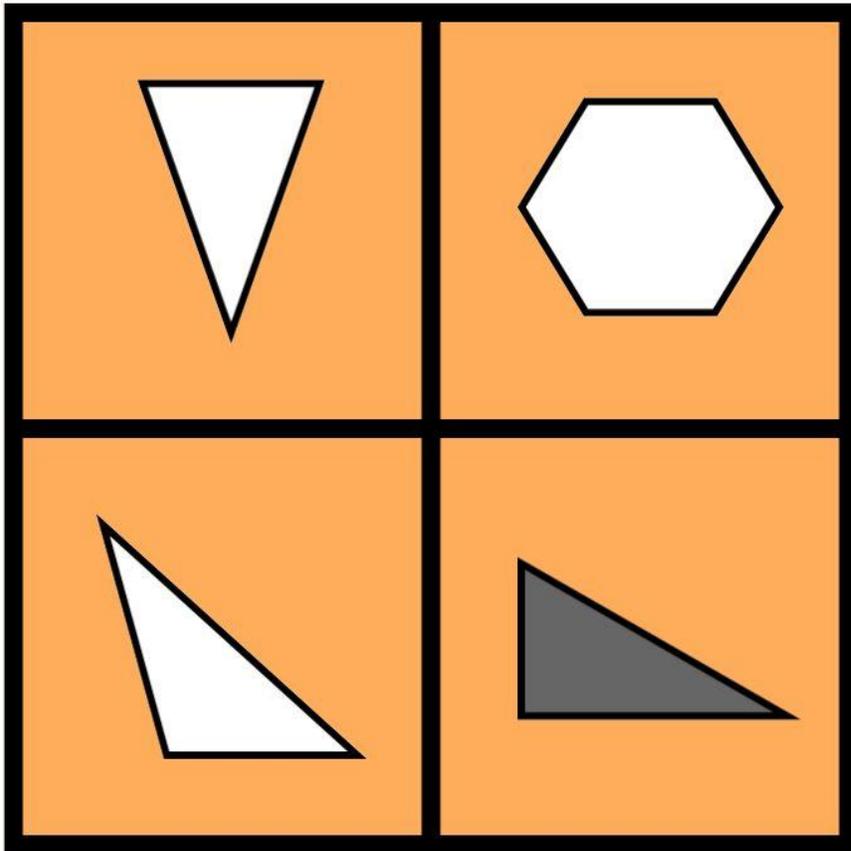
- 9) What is the range of the following numbers:
10, 12, 7, 5, 17, 25, 99

Warm-Up #5

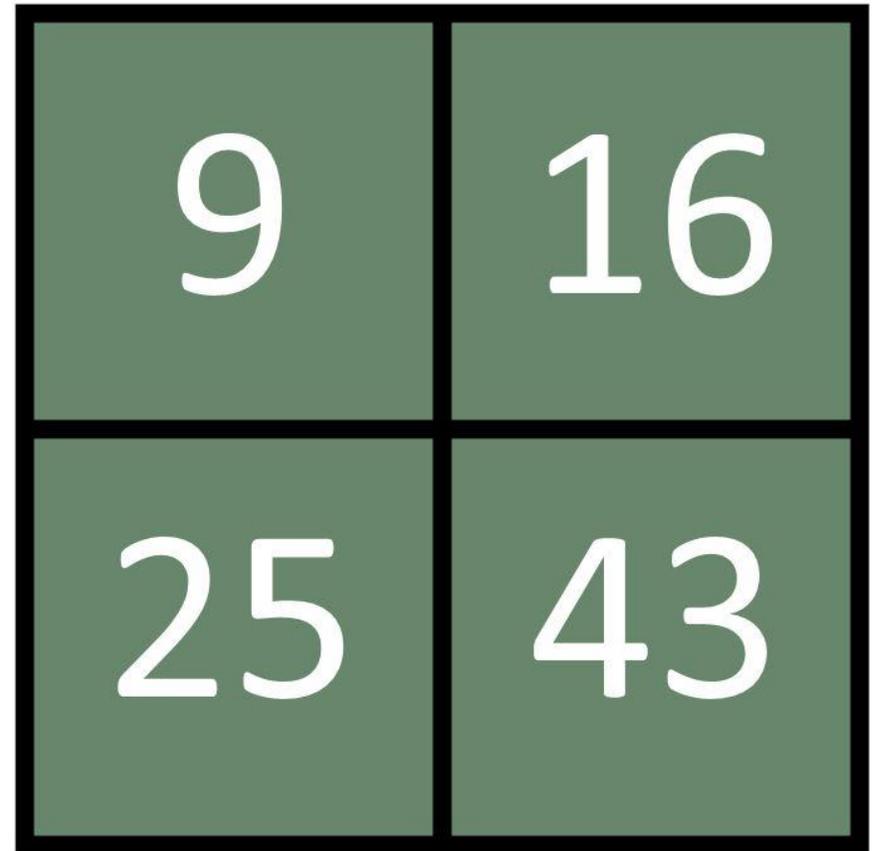
WHICH ONE DOESN'T BELONG?

Write an explanation of which of the 4 items you believe does not belong. There is no wrong answer 😊

1)



2)



Warm-Up #6

Answer in complete sentences.

- 1) What is an integer?
- 2) Translate into mathematical operations: SUM. DIFFERENCE.

Simplify.

- 3) $8 - 10$ 4) $-3 - (-6)$ 5) $2 - (-4)$ 6) $-11 - 5 - (-8)$

Which continent has the greater range of elevations?

7)

	South America	Europe
Highest Elevation	6960 m	5642 m
Lowest Elevation	-40 m	-92 m

- 8) Which value of x makes the value of the expression a composite number?
 $2x + 5$; $x = 1$, $x = 2$, $x = 3$?

- 9) Simplify 36×29 10) Simplify $-2 + (-2) + (-2) + (-2)$

Warm-Up #7

Answer in a complete sentence.

1) What does the word "product" ask for?

Simplify.

2) $-8 \cdot (-12)$

3) $9(-7)$

4) $-10(-3)(-7)$

5) $(-8)^2$

6) -8^2

7) -5^3

8) $(-5)^3$

9) **Simplify** $567 \div 9$

10) What is the prime factorization of 90?

Warm-Up #8

FACEBOOK MATH! Simplify each expression.

1) $30 + 30 \times 0 + 1$

2) $22 \div 11 \times 9 - 3^2$

3) $(-3)^2 \times (5 - 7)^2 - (-9) \div 3$

4) $8 - 3 \times 2 - 33 \div 11$