



Addition Properties

Grade 5 Addition Worksheet

Date: _____

Name: _____

LET'S MAKE LEARNING FUN

1. Determine the property of addition demonstrated by each of the number sentences.

- a. $35 + 0 = 35$
- b. $125 + (12 + 125) = (125 + 12) + 125$
- c. $171 + 118 + 15 = 118 + 171 + 15$
- d. $(15 + 38) + 94 = (94 + 38) + 15$
- e. $0 + 88 = 88$
- f. $160 + 152 = 152 + 160$

Answer:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____

2. Give an example of each of the following properties of addition.

- a. Commutative Property
- b. Identity Property
- c. Associative Property

Answer:

- a. _____
- b. _____
- c. _____

3. Which one of the following shows an example of commutative property of addition.

- a. $210 + 167 + 100 = 210 + 100 + 167$
- b. $210 + 0 = 210$
- c. $210 - (167 + 100) = (210 + 100) + 167$
- d. $210 + (167 - 100) = (210 - 110) + 167$

4. Which one of the following shows an example of associative property of addition.

- a. $25 + 18 = 18 + 25$
- b. $36 + (7 + 16) = (36 + 7) + 16$
- c. $6 + 0 = 6$
- d. $45 + 6 + 0 = 6 + 7 + 45$

5. Which one of the following shows an example of identity property of addition.

- a. $130 + 77 + 8 = 130 + 8 + 76$
- b. $140 + 0 = 140$
- c. $130 - (77 + 8) = (130 + 8) + 77$
- d. $130 + 0 + 20 = 130 - 20 + 0$

6. Fill out the blank spaces with the correct number, and state the addition property used.

- a. $\underline{\hspace{2cm}} + 0 = 3,681$
- b. $75 + \underline{\hspace{2cm}} = 361 + 75$
- c. $700 + (\underline{\hspace{2cm}} + 629) = 629 + (101 + 700)$
- d. $67 + \underline{\hspace{2cm}} = 6 + 67$
- e. $2,020 + \underline{\hspace{2cm}} + 130 = 3,679 + 2,020 + 130$
- f. $2,012,101 + \underline{\hspace{2cm}} = 60 + 2,012,101$

Answer:

- a. $\underline{\hspace{2cm}}$
- b. $\underline{\hspace{2cm}}$
- c. $\underline{\hspace{2cm}}$
- d. $\underline{\hspace{2cm}}$
- e. $\underline{\hspace{2cm}}$
- f. $\underline{\hspace{2cm}}$



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Grade 5 Addition Answer Sheet

1. a. Identity Property
b. Associative Property
c. Commutative Property
d. Associative Property
e. Identity Property
f. Commutative Property
2. a. $13 + 5 + 8 = 8 + 13 + 5$
b. $15 + 0 = 15$
c. $3 + (6 + 15) = (3 + 6) + 15$
3. a. $210 + 167 + 100 = 210 + 100 + 167$
4. b. $36 + (7 + 16) = (36 + 7) + 16$
5. b. $140 + 0 = 140$
6. a. 3,681 (Identity Property)
b. 361 (Commutative Property)
c. 101 (Associative Property)
d. 6 (Commutative Property)
e. 3,679 (Commutative Property)
f. 60 (Commutative Property)