

Grade 6 Math Homework: Choosing the Operation & Computing with Whole Numbers

Name: _____.

Due Date: _____

Instructions

- For each question:
- Circle the operation you will use
- Solve the problem
- Write one short sentence explaining why you chose that operation

Questions

1. Equal Groups

A teacher buys 16 packs of erasers.
Each pack contains 25 erasers.

☐ Add ☐ Subtract ☐ Multiply ☐ Divide

Answer: _____

Why did you choose this operation?

2. Comparing Amounts

A school had 5,300 pencils.
After giving some away, 4,175 pencils remain.

☐ Add ☐ Subtract ☐ Multiply ☐ Divide

Answer: _____

Why did you choose this operation?

3. Sharing Equally

A class collected 2,400 cans of food.
The cans are shared equally among 8 groups.

☐ Add ☐ Subtract ☐ Multiply ☐ Divide

Answer: _____

Why did you choose this operation?

4. Repeated Amount

Each row in the gym has 18 chairs.
There are 24 rows.

☐ Add ☐ Subtract ☐ Multiply ☐ Divide

Answer: _____

Why did you choose this operation?

Name _____ Date _____

1)

$$\begin{array}{r} 47 \\ - 14 \\ \hline \end{array}$$

2)

$$\begin{array}{r} 985 \\ + 65 \\ \hline \end{array}$$

3)

$$\begin{array}{r} 6,578 \\ - 957 \\ \hline \end{array}$$

4)

$$\begin{array}{r} 636 \\ + 296 \\ \hline \end{array}$$

5)

$$\begin{array}{r} 57 \\ - 34 \\ \hline \end{array}$$

6)

$$\begin{array}{r} 26 \\ + 346 \\ \hline \end{array}$$

7)

$$\begin{array}{r} 589 \\ + 34 \\ \hline \end{array}$$

8)

$$\begin{array}{r} 862 \\ - 15 \\ \hline \end{array}$$

9)

$$\begin{array}{r} 63 \\ + 35 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 1,168 \\ - 498 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 868 \\ + 76 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 8,181 \\ - 582 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 4,795 \\ - 352 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 566 \\ + 38 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 771 \\ - 515 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 3,487 \\ - 634 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 799 \\ - 314 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 796 \\ + 6,379 \\ \hline \end{array}$$

19)

$$\begin{array}{r} 496 \\ - 66 \\ \hline \end{array}$$

20)

$$\begin{array}{r} 581 \\ + 551 \\ \hline \end{array}$$

21)

$$\begin{array}{r} 3,895 \\ + 8,622 \\ \hline \end{array}$$

22)

$$\begin{array}{r} 698 \\ - 36 \\ \hline \end{array}$$

23)

$$\begin{array}{r} 289 \\ - 69 \\ \hline \end{array}$$

24)

$$\begin{array}{r} 157 \\ + 4,548 \\ \hline \end{array}$$

25)

$$\begin{array}{r} 7,443 \\ - 735 \\ \hline \end{array}$$

Name _____ Date _____

1)

$$\begin{array}{r} 25 \\ \times 9 \\ \hline \end{array}$$

2)

$$\begin{array}{r} 8 \overline{)392} \\ \hline \end{array}$$

3)

$$\begin{array}{r} 725 \\ \times 89 \\ \hline \end{array}$$

4)

$$\begin{array}{r} 82 \overline{)50,758} \\ \hline \end{array}$$

5)

$$\begin{array}{r} 108 \\ \times 5 \\ \hline \end{array}$$

6)

$$\begin{array}{r} 31 \overline{)1,922} \\ \hline \end{array}$$

7)

$$\begin{array}{r} 23 \\ \times 9 \\ \hline \end{array}$$

8)

$$\begin{array}{r} 38 \overline{)2090} \\ \hline \end{array}$$

9)

$$\begin{array}{r} 583 \\ \times 81 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 17 \\ \times 7 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 247 \\ \times 97 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 3 \overline{)156} \\ \hline \end{array}$$

13)

$$\begin{array}{r} 42 \\ \times 93 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 6 \overline{)5,268} \\ \hline \end{array}$$

15)

$$\begin{array}{r} 737 \\ \times 6 \\ \hline \end{array}$$