

1 Warm-up: ± 10 and ± 100

2-min Fluency Warm-up — Mental math.

$$53 + 10 = \underline{\hspace{2cm}}$$

$$78 - 10 = \underline{\hspace{2cm}}$$

$$200 + 100 = \underline{\hspace{2cm}}$$

$$400 - 100 = \underline{\hspace{2cm}}$$

2 Estimate First!

Estimate First! Round to tens, estimate, then find the actual answer.

$$38 + 27$$

Estimate ($40 + 30$): $\underline{\hspace{2cm}}$

Actual: $\underline{\hspace{2cm}}$

$$65 - 28$$

Estimate ($70 - 30$): $\underline{\hspace{2cm}}$

Actual: $\underline{\hspace{2cm}}$

$$44 + 39$$

Estimate ($40 + 40$): $\underline{\hspace{2cm}}$

Actual: $\underline{\hspace{2cm}}$

$$82 - 36$$

Estimate ($80 - 40$): $\underline{\hspace{2cm}}$

Actual: $\underline{\hspace{2cm}}$

3 Show Two Different Strategies

Use a different strategy for each problem.

Strategies: column method, base-10 blocks, number line, counting up.

$$28 + 45 = \underline{\hspace{2cm}}$$

Strategy I used: $\underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}$

$$73 - 38 = \underline{\hspace{2cm}}$$

Strategy I used: $\underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}$

$$56 + 37 = \underline{\hspace{2cm}}$$

Strategy I used: $\underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}$

$$91 - 45 = \underline{\hspace{2cm}}$$

Strategy I used: $\underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}$

4 Word Problems

Read carefully. Think about what is happening.

The art room had 36 paint brushes. The teacher ordered 27 more. Then 8 brushes broke and were thrown away. How many good brushes are there now?

Draw or write your thinking: $\underline{\hspace{2cm}}$

A train had 84 passengers at the first stop. At the second stop, 31 passengers got off. At the third stop, 19

_____ brushes

passengers got on. How many passengers are on the train now?

Draw or write your thinking: _____

_____ passengers

5 Number Talk: Compare Without Calculating

Number Talk — Explain WITHOUT calculating.

A: $45 + 38$

B: $48 + 35$

Which is bigger, or are they the same?

My thinking: _____

A: $72 - 24$

B: $72 - 34$

Which is bigger, or are they the same?

My thinking: _____