10. Estimate Sums

A. Visual Learning

How can you estimate sums?

About how many pounds do two pandas weigh?

Estimate 255 + 329.

Female 255 pounds

Male 329 pounds

1 *Round to the nearest hundred*

$255 \longrightarrow 300$

$+\ 329 \longrightarrow +\ 300$

600

255 + 329 is **about** 600.

The pandas together weigh **about** 600 pounds.

2 *Round to the nearest ten*

$255 \longrightarrow 260$

$+\ 329 \longrightarrow +\ 330$

590

255 + 329 is **about** 590.

The pandas together weigh **about** 590 pounds.

B. Vocabulary

estimate: _____   nearest: _____

about: _____   round: _____

C. Independent Practice

In 1 – 2, estimate each sum.

1. $627 \rightarrow \boxed{}00$

    $+\ 258 \rightarrow +\boxed{}00$

2. $498 \rightarrow \boxed{}\boxed{}0$

    $+\ 217 \rightarrow +\boxed{}\boxed{}0$

*In 3 – 6, **round** to the **nearest ten** to estimate.*

3. 218 + 463 is **about** _____
    ↓   ↓

    _____ + _____ = _____

4. 108 + 223 is **about** _____
    ↓   ↓

    _____ + _____ = _____

5. 644 + 172 is **about** _____
    ↓   ↓

    _____ + _____ = _____

6. 376 + 295 is **about** _____
    ↓   ↓

    _____ + _____ = _____

*In 7 – 10, **round** to the **nearest hundred** to estimate.*

7. 514 + 258 is **about** _____
    ↓   ↓

    _____ + _____ = _____

8. 198 + 426 is **about** _____
    ↓   ↓

    _____ + _____ = _____

9. 403 + 179 is **about** _____
    ↓   ↓

    _____ + _____ = _____

10. 274 + 343 is **about** _____
    ↓   ↓

    _____ + _____ = _____

11. Estimate the sum of 324 + 277 in two different ways.

1st**way**

324 + 277 is about _____

_____ + _____ = _____

2nd**way**

324 + 277 is about _____

_____ + _____ = _____

12. There are 178 third-grade students, 239 fourth-grade students at a museum.

About how many students are there at the museum?

   _____ + _____ is **about** _____

There are about _____ students at the museum.

13*. Tim walks 682 steps. His teacher walks 219 steps more than him.

About how many steps does his teacher walk?

_____

_____

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