

MATHS HOMEWORK

Grade 4 – Rounding to Estimate Then Solve (Addition & Subtraction)

Estimate
Calculate
Check
Does it make
sense?

Example

Use rounding to estimate the answer, then work out the exact answer.

$$4,672 + 3,184 \quad (\text{Round to the nearest 1,000})$$

1 Round each number.

4,672 → 5,000
3,184 → 3,000

2 Estimate the answer.

5,000 + 3,000 =
8,000

3 Work out the exact answer.

$$\begin{array}{r} 4,672 \\ + 3,184 \\ \hline 7,856 \end{array}$$

4 Compare.

Is your exact answer
close to your estimate?

Yes ☒ No ☐

1

$$6,327 + 2,815$$

(Round to the nearest 1,000)

1 Round each number.

6,327 →
2,815 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

2

$$8,946 - 3,271$$

(Round to the nearest 1,000)

1 Round each number.

8,946 →
3,271 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

3

$$4,862 + 3,479$$

(Round to the nearest 100)

1 Round each number.

4,862 →
3,479 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

4

$$7,305 - 2,678$$

(Round to the nearest 100)

1 Round each number.

7,305 →
2,678 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

5

$$2,593 + 6,781$$

(Round to the nearest 1,000)

1 Round each number.

2,593 →
6,781 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

6

$$9,214 - 4,586$$

(Round to the nearest 1,000)

1 Round each number.

9,214 →
4,586 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

7

$$5,736 + 1,892$$

(Round to the nearest 100)

1 Round each number.

5,736 →
1,892 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐

8

$$8,401 - 5,337$$

(Round to the nearest 100)

1 Round each number.

8,401 →
5,337 →

2 Estimate.

3 Exact answer.

4 Close?

Yes ☐
No ☐