Rounding to 1,000: answers and notes

What your child practised: finding the thousands either side of a number and using the hundreds digit to round to the nearest 1,000 (Year 4 rounding).

Page 1 · Warm up

2,000, 2,300, **3,000** · **6,000**, 6,750, **7,000**
9,000, 9,480, **10,000**

Page 2 · Try it together

Answers will vary. 3,500 → **4,000** (halfway rounds up); 9,700 → **10,000**.

Page 2 · A. Deciding digit

2,640 → **3,000** · 5,129 → **5,000**
1,500 → **2,000** · 9,099 → **9,000**
5,901 → **6,000** · 8,450 → **8,000**

Page 3 · B. On the hill

3,200 → **3,000** · 3,750 → **4,000** · 3,480 → **3,000**

Page 3 · C. Join

6,512 → **7,000** · 6,499 → **6,000** · 7,450 → **7,000**
5,600 → **6,000** · 5,380 → **5,000**

Page 3 · D. Problems

9,000 seats · **2,000 m** · **10,000** words

Challenge: No. Only the hundreds digit decides, and in 7,499 it's **4**. So 7,499 rounds **down** to **7,000**. It's just before the top of the hill (7,500).

Watch out for

- **Rounding 5 down** (1,500 → 1,000). A hundreds digit of 5 means round up: 2,000.
- **Looking at other digits**, like Sam. The 9s in 7,499 are after the deciding digit, so they don't count.
- **Going the wrong way** (5,129 → 6,000). Ask "Which thousand is it nearer?"
- **Crossing to 10,000**: 9,612 rounds up to 10,000, a 5-digit number. That's correct.

Going further (5 minutes, no paper)

- **Big numbers out and about:** round crowd sizes or distances you hear on the news to the nearest 1,000.
- **Three ways:** say a 4-digit number and round it to the nearest 10, 100 and 1,000.
- **In the game:** Chapter 5, Decimal Dunes, rounds decimals to the nearest whole number.