MeerkatSkool

FREE PRACTICE SHEET

Extra Maths Class

Free Extra Maths Class · Grade 5

Rounding and estimating

Name: _____

Remember: Look at the digit to the **right** of the place you round to: 0–4 round **down**, 5–9 round **up**. Nearest 5: 0–2 → …0, 3–7 → …5, 8–9 → next …0. **Why?** You choose the round number that is closest.

1 Round 47 to the nearest 10.

2 Round 832 to the nearest 100.

3 Round 6 450 to the nearest 1 000.

4 Round 63 to the nearest 5.

5 Round 4 285 to the nearest 10.

6 Round 18 950 to the nearest 100.

7 Round 27 499 to the nearest 1 000.

8 Round 98 to the nearest 5.

9 Round 3 995 to the nearest 10.

10 What is the **smallest** whole number that rounds to 350 (nearest 10)?

11 What is the **biggest** whole number that rounds to 2 400 (nearest 100)?

12 Estimate 4 817 + 2 296 by rounding both to the nearest 1 000.

13 Estimate 38 × 52. Round 38 to the nearest 10 and 52 to the nearest 10.

14 A newspaper writes a school has “about 1 800” learners. The school has 1 846 learners. What was the number rounded to?

15 Thabo rounds a whole number to the nearest 10 and gets 70. Write all the numbers it could have been.

I got _____ out of 15 ☆ ☆ ☆

Free Extra Maths Class · Grade 5 · Memo

Memo: Rounding and estimating

1. **50**
   Look at the ones digit: 7. 5 or more: round up.

2. **800**
   Look at the tens digit: 3. Less than 5: round down.

3. **6 000**
   Look at the hundreds digit: 4. Less than 5: round down.

4. **65**
   Look at the ones digit: 3. 0–2 → …0; 3–7 → …5; 8–9 → next …0.

5. **4 290**
   Look at the ones digit: 5. 5 or more: round up.

6. **19 000**
   Look at the tens digit: 5. 5 or more: round up.

7. **27 000**
   Look at the hundreds digit: 4. Less than 5: round down.

8. **100**
   Look at the ones digit: 8. 0–2 → …0; 3–7 → …5; 8–9 → next …0.

9. **4 000**
   Look at the ones digit: 5. 5 or more: round up.

10. **345**
    Halfway rounds up.

11. **2 449**
    2 450 already rounds up to 2 500.

12. **7 000**
    5 000 + 2 000 = 7 000 (exact: 7 113)

13. **2 000**
    40 × 50 = 2 000

14. **The nearest 100**
    1 846 ≈ 1 800 (nearest 100). To the nearest 1 000 it would be 2 000.

15. **65, 66, 67, 68, 69, 70, 71, 72, 73, 74**
    From 65 (halfway rounds up) to 74.