

Dividing Multi-Digit Whole Numbers: math test, Grade 4 – download the PDF

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Multiples of 10 and 100

/ 4 pts

Calculate without a calculator.

- a. $320 \div 4$
- b. $2,700 \div 3$
- c. $4,000 \div 5$
- d. $5,400 \div 6$

2 Long division

/ 4 pts

Use long division. Check each answer with a multiplication.

- a. $864 \div 4$
- b. $1,527 \div 3$

3 Remainders

/ 3 pts

- a. Find $59 \div 8$.
- b. Find $407 \div 6$.
- c. Check your answer to part b with a multiplication and an addition.

4 Area model

/ 3 pts

A rectangle has an area of 372 square meters and a width of 6 meters. Use an area model with parts 360 and 12 to find its length.

5 Estimate and divide

/ 3 pts

- a. Estimate $2,391 \div 8$ with compatible numbers.
- b. Find the exact quotient and remainder.

6 Guitar strings

/ 3 pts

A music store has 1,230 guitar strings. They are put in packs of 6 strings. The packs are then shared equally among 4 shops. How many packs does each shop get, and how many packs are left over?



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