

Grade 3 - Understanding Division - Test Answer Key

Common Core 3.OA.A.2, 3.OA.A.4, 3.OA.B.6 · maths-pdf.fr/en/

This **division meaning test answers** for 3rd Grade covers understanding division (Common Core 3.OA.A.2, 3.OA.A.4, 3.OA.B.6), with a free PDF to print.

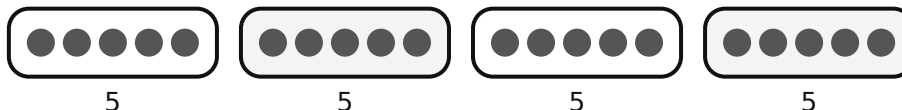
Here is the answer key and scoring guide for the division meaning test. Each question shows where its points come from. Award partial credit when the equation is right but the quotient has a small slip, and add the points to get a score out of 20.

Grade 3 · Common Core State Standards: **3.OA.A.2, 3.OA.A.4, 3.OA.B.6**

Division meaning test answers: worked solutions

Question 1 - Shared dots [2 pts]

- a. $20 \div 4 = 5$
b. **5 dots** in each box, because $4 \times 5 = 20$.



$$20 \div 4 = 5.$$

Scoring: 1 point for the equation, 1 point for 5 dots in each box.

Question 2 - Bags of three [2 pts]

How many 3s are in 18? $18 \div 3 = 6$. Check: $6 \times 3 = 18$. Answer: **6 bags**.

Scoring: 1 point for the equation, 1 point for 6 bags.

Question 3 - Beads on bracelets [2 pts]

- a. Sharing: $24 \div 3 = 8$, so **8 beads**.
b. Grouping: $24 \div 3 = 8$, so **8 bracelets**.

Scoring: 1 point for each part. Both parts use the same equation with a different meaning.

Question 4 - Division as a missing factor [2 pts]

The equation is $9 \times ? = 45$. Since $9 \times 5 = 45$, the unknown is 5. Answer: $45 \div 9 = 5$.

Scoring: 1 point for $\langle 9 \times ? = 45 \rangle$, 1 point for the answer 5.

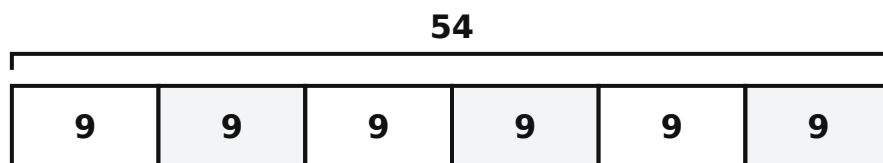
Question 5 - Find the unknown [2 pts]

- a. $7 \times 9 = 63$, so **9**.
- b. $5 \times 8 = 40$, so **8**.

Scoring: 1 point for each correct unknown.

Question 6 - Tape diagram [2 pts]

$54 \div 6 = ?$, and $6 \times 9 = 54$. Answer: **9**.



Each part is 9.

Scoring: 1 point for the equation, 1 point for 9.

Question 7 - Make it true [2 pts]

- a. $5 \times 6 = 30$, so **30**.
- b. $4 \times 9 = 36$, so **9**.

Scoring: 1 point for each correct number.

Question 8 - Teams and bats [3 pts]

Teams: $35 \div 5 = 7$. Bats: $7 \times 2 = 14$. Answer: **14 bats**.

Scoring: 1 point for $\langle 35 \div 5 = 7 \rangle$, 1 point for multiplying by 2, 1 point for 14 bats.

Question 9 - Reading plan [3 pts]

Pages each day: $63 \div 7 = 9$. Pages read in 4 days: $4 \times 9 = 36$. Pages left: $63 - 36 = 27$. Answer: **27**

pages.

Scoring: 1 point for 9 pages a day, 1 point for 36 pages read, 1 point for 27 pages left.

Total score

Total

20 points

Key facts behind this division meaning test answers
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Key facts

- Division finds the size of each group or the number of groups.
- In $24 \div 4 = 6$, the 24 is the dividend, the 4 is the divisor, and the 6 is the quotient.
- Dividing 42 by 6 asks: 6 times what number makes 42?
- An unknown can be in any spot, as in $8 \times ? = 48$, $? \div 3 = 5$, or $24 \div ? = 8$.
- Check any division answer by multiplying the quotient by the divisor.

How to use this division meaning test answers
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Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.