MATH

Division word problems

Name _____ Date _____

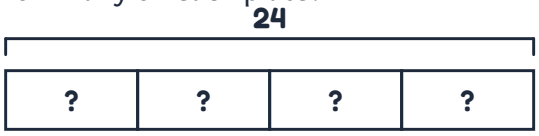
I can solve dividing stories.

1 How to solve a word problem

1. **Read** Read the whole problem twice.
2. **Find** Find the question. Underline it.
3. **Draw** Draw a bar model or a picture.
4. **Solve** Pick + − × or ÷ and solve.
5. **Check** Does the answer make sense?

Example

24 cookies are shared equally on 4 plates. How many on each plate?



24 ÷ 4 = 6 cookies

2 Your turn

Draw a bar model, then solve.

1. A van holds 6 people. How many vans are needed for 42 people?

Answer: _____

Draw it

2. Lily has 40 cents. Pencils cost 10 cents each. How many pencils can Lily buy?

Answer: _____

Draw it

How did I do? ☆ ☆ ☆

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One-step problems

Name _____ Date _____

I can choose the operation and solve a one-step problem.

1 Read, solve, write the answer

Write the unit too: apples, dollars, feet ...

1 A ribbon is 18 feet long. It is cut into pieces that are each 2 feet long. How many pieces are there?

Answer:

2 32 chairs are set out in 4 equal rows. How many chairs are in each row?

Answer:

3 How many weeks are there in 14 days?

Answer:

4 36 apples are put into 6 baskets equally. How many apples are in each basket?

Answer:

5 25 students get into teams of 5. How many teams are there?

Answer:

6 30 cookies are shared equally by 5 friends. How many cookies does each friend get?

Answer:

How did I do? ☆ ☆ ☆

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Pick the operation

Name _____ Date _____

I can tell which operation a problem needs.

1 Circle +, –, × or ÷, then solve

Solve in the box.

1. How many legs do 5 chairs have? + – × ÷ ☐
2. 14 socks are put in pairs. How many pairs? + – × ÷ ☐
3. 21 tulips and 30 roses. How many flowers? + – × ÷ ☐
4. 28 cents shared by 4 kids. How many cents each? + – × ÷ ☐
5. Adam had 21 cards and lost 14. How many are left? + – × ÷ ☐
6. 15 kids make teams of 5. How many teams? + – × ÷ ☐

2 Write a number sentence, then solve

1 Sam has 27 stickers to put on 3 pages, the same number on each page. How many stickers go on each page?

Number sentence: ☐ **Answer:** ☐

2 A baker puts 32 muffins into boxes of 4. How many boxes does the baker fill?

Number sentence: ☐ **Answer:** ☐

How did I do? ☆ ☆ ☆

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Two-step problems

Name _____ Date _____

I can solve a problem that takes two steps.

1 Two steps: plan, solve, check

Find what you need to know first.

1 3 friends share the cost of a $18 pizza equally. Each friend also buys a $3 juice. How much does each friend spend?

Answer: _____

Step 1 · Step 2

2 A teacher has 43 stickers. She keeps 7 and shares the rest equally among 6 students. How many stickers does each student get?

Answer: _____

Step 1 · Step 2

3 Hana has 8 red beads and 8 blue beads. Hana puts all of them into bags of 4. How many bags does Hana fill?

Answer: _____

Step 1 · Step 2

4 24 pencils are shared equally by 4 children. Then each child gives 4 pencils to the teacher. How many pencils does each child have now?

Answer: _____

Step 1 · Step 2

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: division word problems

1 Page 1

Your turn: 1) 42 ÷ 6 = 7 (7 vans); 2) 40 ÷ 10 = 4 (4 pencils).

2 Page 2

One-step problems: 1) 18 ÷ 2 = 9 (9 pieces); 2) 32 ÷ 4 = 8 (8 chairs); 3) 14 ÷ 7 = 2 (2 weeks); 4) 36 ÷ 6 = 6 (6 apples); 5) 25 ÷ 5 = 5 (5 teams); 6) 30 ÷ 5 = 6 (6 cookies).

3 Page 3

Operation: 1) ×: 5 × 4 = 20; 2) ÷: 14 ÷ 2 = 7; 3) +: 21 + 30 = 51; 4) ÷: 28 ÷ 4 = 7; 5) −: 21 − 14 = 7; 6) ÷: 15 ÷ 5 = 3.
Number sentences: 1) 27 ÷ 3 = 9 (9 stickers); 2) 32 ÷ 4 = 8 (8 boxes).

4 Page 4: two-step problems

Two-step: 1) 18 ÷ 3 = 6, 6 + 3 = 9 ($9); 2) 43 − 7 = 36, 36 ÷ 6 = 6 (6 stickers); 3) 8 + 8 = 16, 16 ÷ 4 = 4 (4 bags); 4) 24 ÷ 4 = 6, 6 − 4 = 2 (2 pencils).

5 Teaching tip

Act out sharing with counters and paper plates. Then write the multiplication fact that checks it: 4 plates × 6 cookies = 24 cookies.

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