MATH

Multiplication word problems

Name _____ Date _____

🎯 **I can solve multiplying 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

There are 4 bags with 6 apples in each bag. How many apples?



4 × 6 = 24 apples

2 Your turn ✏️ Draw a bar model, then solve.

1. Each table seats 6 children. How many children can sit at 9 tables?

Answer: _____

Draw it

2. Each car has 4 wheels. How many wheels are on 5 cars?

Answer: _____

Draw it

How did I do? ☆ ☆ ☆

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MATH · MULTIPLICATION WORD PROBLEMS

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 Pencils come in boxes of 10. The teacher buys 3 boxes. How many pencils does the teacher buy?

Answer: _____

2 Yusuf has 7 marbles. Ali has 4 times as many marbles as Yusuf. How many marbles does Ali have?

Answer: _____

3 Hana reads 4 pages every day. How many pages does Hana read in 4 days?

Answer: _____

4 A spider has 8 legs. How many legs do 6 spiders have?

Answer: _____

5 There are 6 bags. Each bag has 6 apples. How many apples are there in all?

Answer: _____

6 A garden has 7 rows of flowers. Each row has 8 flowers. How many flowers are in the garden?

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. 16 chairs are put in 4 equal rows. How many per row? + – × ÷ ____
2. How many legs do 7 dogs have? + – × ÷ ____
3. 29 boys and 15 girls ride a bus. How many kids? + – × ÷ ____
4. 4 rows of 8 tiles. How many tiles? + – × ÷ ____
5. 15 cookies are shared by 5 kids. How many each? + – × ÷ ____
6. 3 vases have 5 roses each. How many roses? + – × ÷ ____

2 Write a number sentence, then solve

1 A sheet of stickers has 5 rows with 7 stickers in each row. How many stickers are on the sheet?

Number sentence: _____ **Answer:** _____

2 A week has 7 days. How many days are in 7 weeks?

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 Noor buys 6 packs of cards with 8 cards in each pack. Noor gives 7 cards to a friend. How many cards does Noor have left?

Answer: _____

Step 1 · Step 2

2 A classroom has 5 rows of desks with 7 desks in each row, plus 2 extra desks at the back. How many desks are there?

Answer: _____

Step 1 · Step 2

3 Lily saves $6 every week for 6 weeks. Then Lily spends $13 on a book. How much money is left?

Answer: _____

Step 1 · Step 2

4 There are 5 boxes with 10 crayons each and 2 boxes with 4 crayons each. How many crayons are there in all?

Answer: _____

Step 1 · Step 2

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: multiplication word problems

1 Page 1

Your turn: 1) 9 × 6 = 54 (54 children); 2) 5 × 4 = 20 (20 wheels).

2 Page 2

One-step problems: 1) 3 × 10 = 30 (30 pencils); 2) 7 × 4 = 28 (28 marbles); 3) 4 × 4 = 16 (16 pages); 4) 6 × 8 = 48 (48 legs); 5) 6 × 6 = 36 (36 apples); 6) 7 × 8 = 56 (56 flowers).

3 Page 3

Operation: 1) ÷: 16 ÷ 4 = 4; 2) ×: 7 × 4 = 28; 3) +: 29 + 15 = 44; 4) ×: 4 × 8 = 32; 5) ÷: 15 ÷ 5 = 3; 6) ×: 3 × 5 = 15.

Number sentences: 1) 5 × 7 = 35 (35 stickers); 2) 7 × 7 = 49 (49 days).

4 Page 4: two-step problems

Two-step: 1) 6 × 8 = 48, 48 − 7 = 41 (41 cards); 2) 5 × 7 = 35, 35 + 2 = 37 (37 desks); 3) 6 × 6 = 36, 36 − 13 = 23 ($23); 4) 5 × 10 = 50, 2 × 4 = 8, 50 + 8 = 58 (58 crayons).

5 Teaching tip 💡

Ask "How many groups? How many in each group?" for every story. If children can answer both, they can write the multiplication.

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