MATH

Money word problems

Name _____ Date _____

I can solve problems about money.

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

A book costs $3.25 and a pen costs $1.50. How much in all?



$3.25 + $1.50 = $4.75

2 Your turn

Draw a bar model, then solve.

1. A pencil costs 25¢. How much do 3 pencils cost?

Answer: _____

Draw it

2. A sandwich costs $2.70 and a juice costs $1.20. How much do they cost together?

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 Lily has 2 quarters and 6 dimes. How much money does Lily have?

Answer:

2 Sam buys a book for $18.45 and pays with a $20 bill. How much change does Sam get?

Answer:

3 Ben saves $7 each week. How many weeks will it take Ben to save $63?

Answer:

4 A toy car costs $3.45 and a kite costs $7.85. How much more does the kite cost?

Answer:

5 A ball costs $9.40. Ravi has $3.00. How much more money does Ravi need?

Answer:

6 2 friends share $4.50 equally. How much 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. Sara has 59¢ and spends 37¢. How much is left? (+) (–) (×) (÷) ☐
2. A pen is 72¢ and a ruler is 32¢. Total cost? (+) (–) (×) (÷) ☐
3. 3 kids share 75¢ equally. How much each? (+) (–) (×) (÷) ☐
4. 3 stickers cost 15¢ each. Total cost? (+) (–) (×) (÷) ☐
5. Yusuf saves $6 a week for 5 weeks. How much? (+) (–) (×) (÷) ☐
6. A cap is $16. Noor has $9. How much more is needed? (+) (–) (×) (÷) ☐

2 Write a number sentence, then solve

1 3 notebooks cost $6.00 in all. They all cost the same. How much does one notebook cost?

Number sentence: ☐ **Answer:** ☐

2 Aisha has a $10 bill, 9 one-dollar bills and 2 quarters. How much money is that?

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 Zara buys 2 pens that cost $2.25 each and pays with a $10 bill. How much change does Zara get?

Answer: _____

Step 1 · Step 2

2 Adam has $25. Adam buys a book for $6.75 and a pen for $3.50. How much money is left?

Answer: _____

Step 1 · Step 2

3 Leo earns $8 a week for 4 weeks, then spends $19 on a game. How much money is left?

Answer: _____

Step 1 · Step 2

4 Museum tickets cost $9 for adults and $5 for children. How much do 2 adult tickets and 3 child tickets cost?

Answer: _____

Step 1 · Step 2

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: money word problems

1 Page 1

Your turn: 1) 3 × 25¢ = 75¢ ($0.75); 2) $2.70 + $1.20 = $3.90.

2 Page 2

One-step problems: 1) 2 × 25¢ + 6 × 10¢ = 110¢ ($1.10); 2) $20.00 − $18.45 = $1.55; 3) $63 ÷ $7 = 9 (9 weeks); 4) $7.85 − $3.45 = $4.40; 5) $9.40 − $3.00 = $6.40; 6) $4.50 ÷ 2 = $2.25.

3 Page 3

Operation: 1) −: 59¢ − 37¢ = 22¢; 2) +: 72¢ + 32¢ = 104¢; 3) ÷: 75¢ ÷ 3 = 25¢; 4) ×: 3 × 15¢ = 45¢; 5) ×: 5 × $6 = $30; 6) −: $16 − $9 = $7.

Number sentences: 1) $6.00 ÷ 3 = $2.00; 2) $10 + $9 + 50¢ = $19.50.

4 Page 4: two-step problems

Two-step: 1) 2 × $2.25 = $4.50, $10.00 − $4.50 = $5.50; 2) $6.75 + $3.50 = $10.25, $25 − $10.25 = $14.75; 3) 4 × $8 = $32, $32 − $19 = $13; 4) 2 × $9 = $18, 3 × $5 = $15, $18 + $15 = $33.

5 Teaching tip

Use real coins and a pretend shop. Children who have paid and counted change with real coins solve change problems far more easily on paper.

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