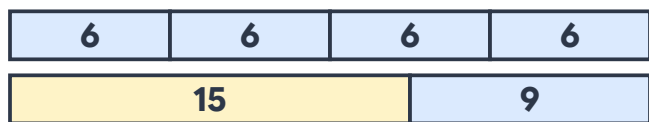


Two-Step Word Problems

Read the bar model. Write a number sentence for each step.

Example Ava buys 4 packs of 6 juice boxes. She gives away 9 of them. How many juice boxes are left?



Step 1 $\underline{4} \times \underline{6} = \underline{24}$

Step 2 $\underline{24} - \underline{9} = \underline{15}$

15 juice boxes

1. A farm has 5 rows of 8 apple trees. It plants 17 more trees. How many trees does the farm have now?

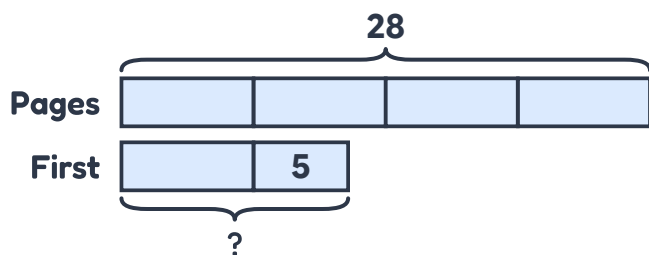


Step 1 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

Step 2 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

 trees

2. Sam puts 28 stickers equally on 4 pages. He adds 5 more to the first page. How many stickers are on it now?

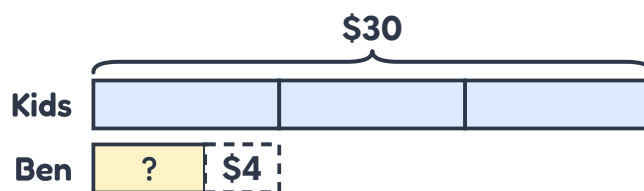


Step 1 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

Step 2 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

 stickers

3. Dad shares \$30 equally among his 3 kids. Ben spends \$4 of his share. How much money does Ben have left?



Step 1 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

Step 2 $\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

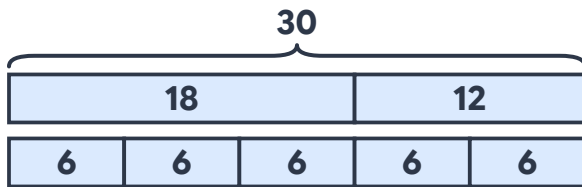
\$

Two-Step Word Problems

Draw a bar model. Write a number sentence for each step.

Example Sam has 18 stickers and gets 12 more. He shares them equally with 5 friends. How many does each friend get?

Draw a bar model.



Step 1 $18 + 12 = 30$

Step 2 $30 \div 5 = 6$

6 stickers

1. A store had 11 boxes of apples. It sold 4 boxes. Each box holds 9 apples. How many apples are left?

Draw a bar model.

Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

_____ apples

2. Leo had 50 marbles. He lost 14. He puts the rest in bags of 6. How many bags does he fill?

Draw a bar model.

Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

_____ bags

3. A lot has 6 red cars and 3 blue cars. Each car has 4 wheels. How many wheels are there in all?

Draw a bar model.

Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

_____ wheels

Two-Step Word Problems

Use a letter for the number you do not know.

Circle the equation that matches the story.

Example Ana has 5 bags of 7 marbles. She gets 8 more marbles. How many marbles does she have now?

$$5 \times 7 + 8 = m$$

$$5 + 7 + 8 = m$$

$$5 \times 7 - 8 = m$$

1. Mr. Kim has 45 pencils. He gives 3 pencils to each of 8 students. How many pencils does he have left?

$$45 - 3 + 8 = p$$

$$3 \times 8 + 45 = p$$

$$45 - 3 \times 8 = p$$

Write an equation with a letter for the unknown. Then solve.

Example A shelf holds 9 books. Mrs. Ruiz fills 6 shelves and puts 15 more books on a table. How many books does she have?

Equation: $6 \times 9 + 15 = b$

Answer: $b = 69$ books

2. Jen picks 34 apples and Tom picks 38 apples. They pack all of them in bags of 9. How many bags do they fill?

Equation: _____

Answer: _____

3. A theater has 8 rows of 10 seats. On Monday, 27 seats are empty. How many seats are full?

Equation: _____

Answer: _____

4. Max has 500 points in a game. He loses 7 points on each of 6 turns. How many points does he have now?

Equation: _____

Answer: _____

Two-Step Word Problems

Round to the nearest ten to estimate. Is the answer reasonable?

Example

A store has 328 apples. It gets 6 boxes of 8 apples. Leo says the store has 376 apples now.

Estimate: $330 + 50 = 380$

Reasonable? ☒ Yes ☐ No

1. Mia has 214 beads. She uses 8 beads on each of 7 bracelets. She says she has 158 beads left.

Estimate: _____

Reasonable? ☐ Yes ☐ No

2. A farm has 186 hens and 247 ducks. It sells 40 birds. Sam says the farm has 493 birds left.

Estimate: _____

Reasonable? ☐ Yes ☐ No

3. A library has 642 books. It gives away 158 books and buys 96 new ones. Ana says it has 580 books now.

Estimate: _____

Reasonable? ☐ Yes ☐ No

4. A zoo sells 9 tickets for \$9 each and \$124 of snacks. Ben says the zoo made \$305.

Estimate: _____

Reasonable? ☐ Yes ☐ No

5. There are 354 people at a game. Then 127 people leave and 68 more come. Kim says 413 people are there now.

Estimate: _____

Reasonable? ☐ Yes ☐ No

Two-Step Word Problems

Solve each story. Write a number sentence for each step.

1. A garden has 4 rows of 8 bean plants. Gran plants 24 more. How many bean plants are in the garden now?

Step 1: _____

Step 2: _____

Answer: _____ bean plants

2. Ty has 81 baseball cards. He gives 7 cards to each of 3 friends. How many cards does Ty have left?

Step 1: _____

Step 2: _____

Answer: _____ cards

3. A bakery makes 154 rolls in the morning and 236 after lunch. It sells 297 rolls. How many rolls are left?

Step 1: _____

Step 2: _____

Answer: _____ rolls

4. Kids pick 27 pears and 37 apples. They put the fruit equally into 8 baskets. How many pieces of fruit go in each basket?

Step 1: _____

Step 2: _____

Answer: _____ pieces of fruit

5. A club has \$90. It buys 3 balls that cost \$9 each. How much money does the club have left?

Step 1: _____

Step 2: _____

Answer: \$ _____

6. There are 28 boys and 22 girls on a trip. Each van holds 5 kids. How many vans do they need?

Step 1: _____

Step 2: _____

Answer: _____ vans

Two-Step Word Problems

Read the bar model. Write a number sentence for each step.

Example Ava buys 4 packs of 6 juice boxes. She gives away 9 of them. How many juice boxes are left?

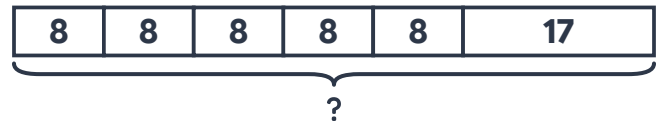


Step 1 4 $\times$ 6 = 24

Step 2 24 $-$ 9 = 15

15 juice boxes

1. A farm has 5 rows of 8 apple trees. It plants 17 more trees. How many trees does the farm have now?

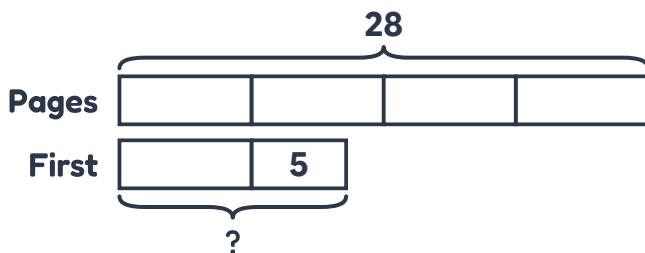


Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

_____ trees

2. Sam puts 28 stickers equally on 4 pages. He adds 5 more to the first page. How many stickers are on it now?

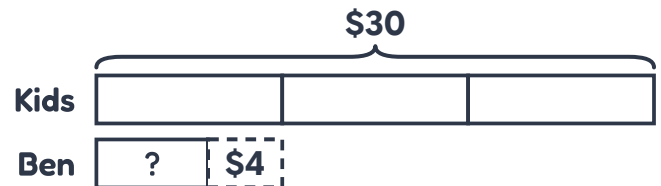


Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

_____ stickers

3. Dad shares \$30 equally among his 3 kids. Ben spends \$4 of his share. How much money does Ben have left?



Step 1 _____ $\bigcirc$ _____ = _____

Step 2 _____ $\bigcirc$ _____ = _____

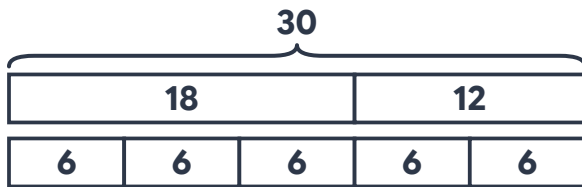
\$ _____

Two-Step Word Problems

Draw a bar model. Write a number sentence for each step.

Example Sam has **18** stickers and gets **12** more. He shares them equally with **5** friends. How many does each friend get?

Draw a bar model.



Step 1 $\underline{18} + \underline{12} = \underline{30}$

Step 2 $\underline{30} \div \underline{5} = \underline{6}$

6 stickers

1. A store had **11** boxes of apples. It sold **4** boxes. Each box holds **9** apples. How many apples are left?

Draw a bar model.

Step 1 _____ ○ _____ = _____

Step 2 _____ ○ _____ = _____

_____ apples

2. Leo had **50** marbles. He lost **14**. He puts the rest in bags of **6**. How many bags does he fill?

Draw a bar model.

Step 1 _____ ○ _____ = _____

Step 2 _____ ○ _____ = _____

_____ bags

3. A lot has **6** red cars and **3** blue cars. Each car has **4** wheels. How many wheels are there in all?

Draw a bar model.

Step 1 _____ ○ _____ = _____

Step 2 _____ ○ _____ = _____

_____ wheels

Two-Step Word Problems

Use a letter for the number you do not know.

Circle the equation that matches the story.

Example Ana has 5 bags of 7 marbles. She gets 8 more marbles. How many marbles does she have now?

$$5 \times 7 + 8 = m$$

$$5 + 7 + 8 = m$$

$$5 \times 7 - 8 = m$$

1. Mr. Kim has 45 pencils. He gives 3 pencils to each of 8 students. How many pencils does he have left?

$$45 - 3 + 8 = p$$

$$3 \times 8 + 45 = p$$

$$45 - 3 \times 8 = p$$

Write an equation with a letter for the unknown. Then solve.

Example A shelf holds 9 books. Mrs. Ruiz fills 6 shelves and puts 15 more books on a table. How many books does she have?

Equation: $6 \times 9 + 15 = b$

Answer: $b = 69$ books

2. Jen picks 34 apples and Tom picks 38 apples. They pack all of them in bags of 9. How many bags do they fill?

Equation: _____

Answer: _____

3. A theater has 8 rows of 10 seats. On Monday, 27 seats are empty. How many seats are full?

Equation: _____

Answer: _____

4. Max has 500 points in a game. He loses 7 points on each of 6 turns. How many points does he have now?

Equation: _____

Answer: _____

Two-Step Word Problems

Round to the nearest ten to estimate. Is the answer reasonable?

Example A store has **328** apples. It gets **6** boxes of **8** apples. Leo says the store has **376** apples now.

Estimate: $330 + 50 = 380$

Reasonable? ☒ Yes ☐ No

1. Mia has **214** beads. She uses **8** beads on each of **7** bracelets. She says she has **158** beads left.

Estimate: _____

Reasonable? ☐ Yes ☐ No

2. A farm has **186** hens and **247** ducks. It sells **40** birds. Sam says the farm has **493** birds left.

Estimate: _____

Reasonable? ☐ Yes ☐ No

3. A library has **642** books. It gives away **158** books and buys **96** new ones. Ana says it has **580** books now.

Estimate: _____

Reasonable? ☐ Yes ☐ No

4. A zoo sells **9** tickets for **\$9** each and **\$124** of snacks. Ben says the zoo made **\$305**.

Estimate: _____

Reasonable? ☐ Yes ☐ No

5. There are **354** people at a game. Then **127** people leave and **68** more come. Kim says **413** people are there now.

Estimate: _____

Reasonable? ☐ Yes ☐ No

Two-Step Word Problems

Solve each story. Write a number sentence for each step.

1. A garden has **4** rows of **8** bean plants. Gran plants **24** more. How many bean plants are in the garden now?

Step 1: _____

Step 2: _____

Answer: _____ bean plants

2. Ty has **81** baseball cards. He gives **7** cards to each of **3** friends. How many cards does Ty have left?

Step 1: _____

Step 2: _____

Answer: _____ cards

3. A bakery makes **154** rolls in the morning and **236** after lunch. It sells **297** rolls. How many rolls are left?

Step 1: _____

Step 2: _____

Answer: _____ rolls

4. Kids pick **27** pears and **37** apples. They put the fruit equally into **8** baskets. How many pieces of fruit go in each basket?

Step 1: _____

Step 2: _____

Answer: _____ pieces of fruit

5. A club has **\$90**. It buys **3** balls that cost **\$9** each. How much money does the club have left?

Step 1: _____

Step 2: _____

Answer: \$ _____

6. There are **28** boys and **22** girls on a trip. Each van holds **5** kids. How many vans do they need?

Step 1: _____

Step 2: _____

Answer: _____ vans

Two-Step Word Problems

Read the bar model. Write a number sentence for each step.

Example Ava buys 4 packs of 6 juice boxes. She gives away 9 of them. How many juice boxes are left?



Step 1 $\underline{4} \times \underline{6} = \underline{24}$

Step 2 $\underline{24} - \underline{9} = \underline{15}$

15 juice boxes

1. A farm has 5 rows of 8 apple trees. It plants 17 more trees. How many trees does the farm have now?

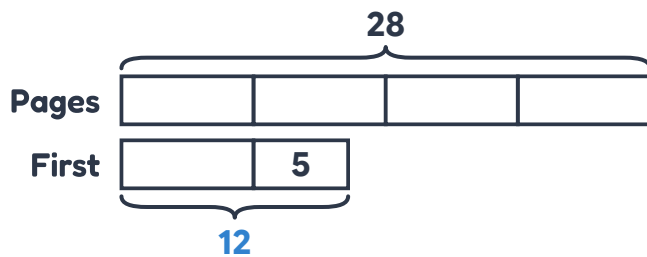


Step 1 $\underline{5} \times \underline{8} = \underline{40}$

Step 2 $\underline{40} + \underline{17} = \underline{57}$

57 trees

2. Sam puts 28 stickers equally on 4 pages. He adds 5 more to the first page. How many stickers are on it now?

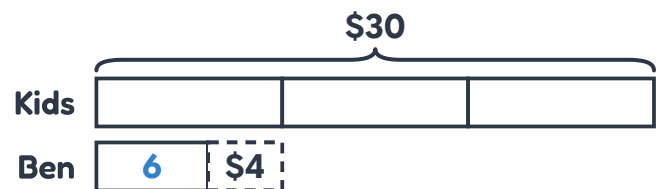


Step 1 $\underline{28} \div \underline{4} = \underline{7}$

Step 2 $\underline{7} + \underline{5} = \underline{12}$

12 stickers

3. Dad shares \$30 equally among his 3 kids. Ben spends \$4 of his share. How much money does Ben have left?



Step 1 $\underline{30} \div \underline{3} = \underline{10}$

Step 2 $\underline{10} - \underline{4} = \underline{6}$

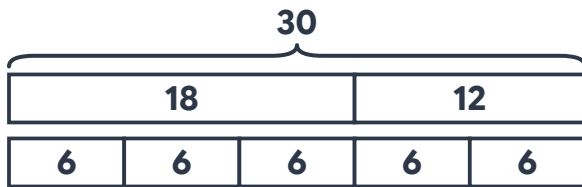
\$ 6

Two-Step Word Problems

Draw a bar model. Write a number sentence for each step.

Example Sam has 18 stickers and gets 12 more. He shares them equally with 5 friends. How many does each friend get?

Draw a bar model.



Step 1 $18 + 12 = 30$

Step 2 $30 \div 5 = 6$

6 stickers

1. A store had 11 boxes of apples. It sold 4 boxes. Each box holds 9 apples. How many apples are left?

Draw a bar model.



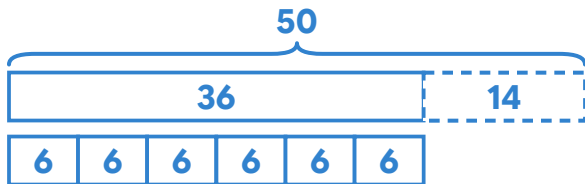
Step 1 $11 - 4 = 7$

Step 2 $7 \times 9 = 63$

63 apples

2. Leo had 50 marbles. He lost 14. He puts the rest in bags of 6. How many bags does he fill?

Draw a bar model.



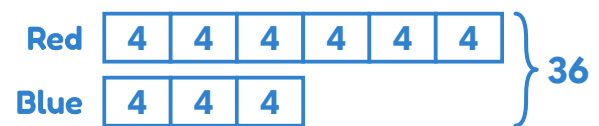
Step 1 $50 - 14 = 36$

Step 2 $36 \div 6 = 6$

6 bags

3. A lot has 6 red cars and 3 blue cars. Each car has 4 wheels. How many wheels are there in all?

Draw a bar model.



Step 1 $6 + 3 = 9$

Step 2 $9 \times 4 = 36$

36 wheels

Two-Step Word Problems

Use a letter for the number you do not know.

Circle the equation that matches the story.

Example Ana has 5 bags of 7 marbles. She gets 8 more marbles. How many marbles does she have now?

$$5 \times 7 + 8 = m$$

$$5 + 7 + 8 = m$$

$$5 \times 7 - 8 = m$$

1. Mr. Kim has 45 pencils. He gives 3 pencils to each of 8 students. How many pencils does he have left?

$$45 - 3 + 8 = p$$

$$3 \times 8 + 45 = p$$

$$45 - 3 \times 8 = p$$

Write an equation with a letter for the unknown. Then solve.

Example A shelf holds 9 books. Mrs. Ruiz fills 6 shelves and puts 15 more books on a table. How many books does she have?

Equation: $6 \times 9 + 15 = b$

Answer: $b = 69$ books

2. Jen picks 34 apples and Tom picks 38 apples. They pack all of them in bags of 9. How many bags do they fill?

Equation: $(34 + 38) \div 9 = n$

Answer: $n = 8$ bags

3. A theater has 8 rows of 10 seats. On Monday, 27 seats are empty. How many seats are full?

Equation: $8 \times 10 - 27 = s$

Answer: $s = 53$ seats

4. Max has 500 points in a game. He loses 7 points on each of 6 turns. How many points does he have now?

Equation: $500 - 7 \times 6 = p$

Answer: $p = 458$ points

Two-Step Word Problems

Round to the nearest ten to estimate. Is the answer reasonable?

Example A store has 328 apples. It gets 6 boxes of 8 apples. Leo says the store has 376 apples now.

Estimate: $330 + 50 = 380$

Reasonable? ☒ Yes ☐ No

1. Mia has 214 beads. She uses 8 beads on each of 7 bracelets. She says she has 158 beads left.

Estimate: $210 - 60 = 150$

Reasonable? ☒ Yes ☐ No

2. A farm has 186 hens and 247 ducks. It sells 40 birds. Sam says the farm has 493 birds left.

Estimate: $190 + 250 - 40 = 400$

Reasonable? ☐ Yes ☒ No

3. A library has 642 books. It gives away 158 books and buys 96 new ones. Ana says it has 580 books now.

Estimate: $640 - 160 + 100 = 580$

Reasonable? ☒ Yes ☐ No

4. A zoo sells 9 tickets for \$9 each and \$124 of snacks. Ben says the zoo made \$305.

Estimate: $80 + 120 = 200$

Reasonable? ☐ Yes ☒ No

5. There are 354 people at a game. Then 127 people leave and 68 more come. Kim says 413 people are there now.

Estimate: $350 - 130 + 70 = 290$

Reasonable? ☐ Yes ☒ No

Two-Step Word Problems

Solve each story. Write a number sentence for each step.

1. A garden has 4 rows of 8 bean plants. Gran plants 24 more. How many bean plants are in the garden now?

Step 1: $4 \times 8 = 32$

Step 2: $32 + 24 = 56$

Answer: 56 bean plants

2. Ty has 81 baseball cards. He gives 7 cards to each of 3 friends. How many cards does Ty have left?

Step 1: $3 \times 7 = 21$

Step 2: $81 - 21 = 60$

Answer: 60 cards

3. A bakery makes 154 rolls in the morning and 236 after lunch. It sells 297 rolls. How many rolls are left?

Step 1: $154 + 236 = 390$

Step 2: $390 - 297 = 93$

Answer: 93 rolls

4. Kids pick 27 pears and 37 apples. They put the fruit equally into 8 baskets. How many pieces of fruit go in each basket?

Step 1: $27 + 37 = 64$

Step 2: $64 \div 8 = 8$

Answer: 8 pieces of fruit

5. A club has \$90. It buys 3 balls that cost \$9 each. How much money does the club have left?

Step 1: $3 \times 9 = 27$

Step 2: $90 - 27 = 63$

Answer: \$ 63

6. There are 28 boys and 22 girls on a trip. Each van holds 5 kids. How many vans do they need?

Step 1: $28 + 22 = 50$

Step 2: $50 \div 5 = 10$

Answer: 10 vans