16 – 1

Addition and Subtraction (1)

Example Express the following story with an addition math sentence. You can use a □ as the unknown number. Then find the answer.

There were 38 tomatoes in my house. Because my mother bought some new tomatoes today, there are now 50 tomatoes. How many tomatoes did my mother buy?

38 tomatoes | □ tomatoes
50 tomatoes

Math Sentence | $38 + □ = 50$

How to find a number in the □ | $50 - 38 = 12$

Answer | 12 tomatoes

Express the following stories with addition math sentences. You can use a □ as the unknown number. Then find the answers.

1 There were 34 students in my classroom. Because some students came from the next classroom, there are now 47 students in my classroom. How many students came from the next classroom?

Math Sentence |

(   ) students at firat | □ students came
(   ) students now.

How to find a number in the □ |

Answer | students

2 There were 37 children playing in the park. Then some additional children came. Now there are 52 children in the park. How many children came to the park?

Math Sentence |

(   ) children at firat | □ children came
(   ) children

How to find a number in the □ |
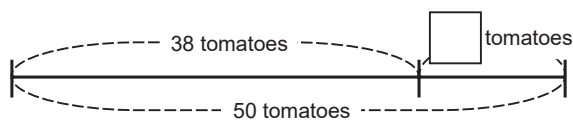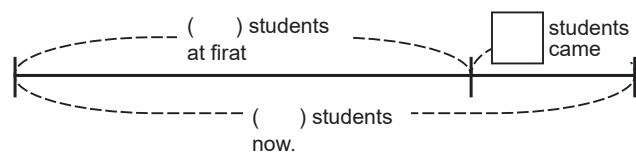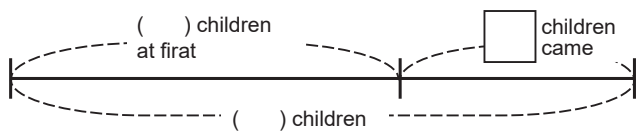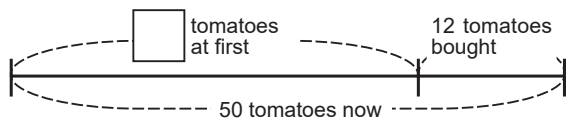
Answer | children

16 - 2 Expressing Math Sentence Using a □
Addition and Subtraction (2)

Example Express the following story with an addition math sentence. You can use a □ as the unknown number. Then find the answer.

There were some tomatoes in my house. Because my mother bought 12 new tomatoes today, there are 50 tomatoes now. How many tomatoes were there at first?
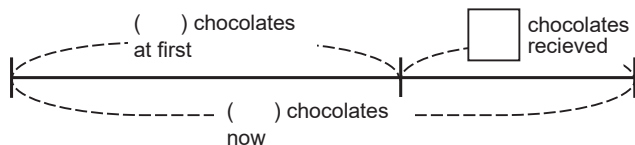
□ tomatoes at first | 12 tomatoes bought
50 tomatoes now

Math Sentence | □ + 12 = 50

How to find a number in the □ | 50 − 12 = 38

Answer | 38 | tomatoes

Express the following stories with subtraction math sentences. You can use a □ as the unknown number. Then find the answers.

1 I had 15 chocolates. My friends gave me some more chocolates. Now I have 24 chocolates. How many chocolates did my friends give me?
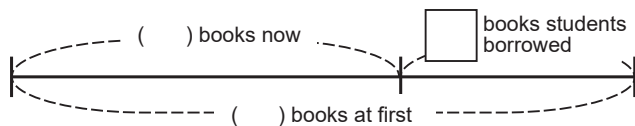
( ) chocolates at first | □ chocolates recieved
( ) chocolates now

Math Sentence |

How to find a number in the □ |

Answer | chocolates

2 There were 72 books in my class library. Some students borrowed some books. There are now only 39 books left. How many books were borrowed by the students?

( ) books now | □ books students borrowed
( ) books at first

Math Sentence |

How to find a number in the □ |

Answer | books

168

16 - 3

Multiplication and Division (1)

Example Express the following story with an addition math sentence. You can use a □ as the unknown number. Then find the answer.

There are 3 bags containing the same number of candy each. The total number of candy is 36 pieces. How many pieces of candy are there in each bag?
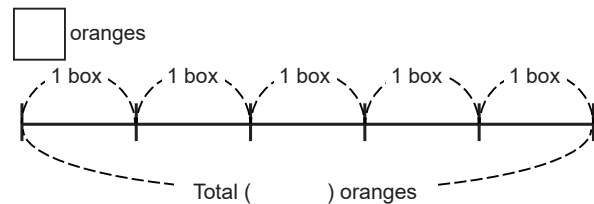
□ pieces of candy

1 bag   1 bag   1 bag

Total 36 pieces of candy

Math Sentence $□ × 3 = 36$

How to find a number in the □ $36 ÷ 3 = 12$ Answer 12 pieces of candy

Express the following stories with multiplication math sentences. You can use a □ as the unknown number. Then find the answers.

1   There are 5 boxes containing the same number of oranges. The total number of oranges is 50. How many oranges are there in each box?

□ oranges

1 box   1 box   1 box   1 box   1 box

Total ( ) oranges

Math Sentence
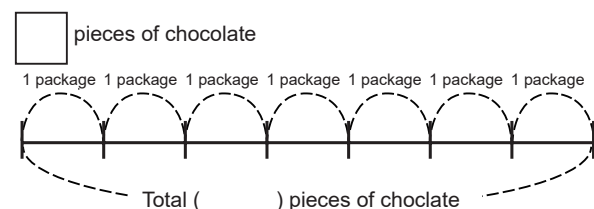
How to find a number in the □

Answer   oranges

2   My father bought 7 packages of chocolates. There are 63 pieces of chocolate altogether. How many pieces of chocolate does each package has?

□ pieces of chocolate

1 package 1 package 1 package 1 package 1 package 1 package 1 package

Total ( ) pieces of choclate

Math Sentence

How to find a number in the □

Answer   pieces of chocolate
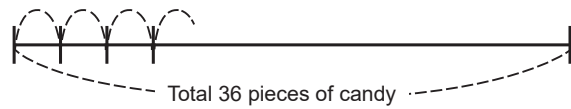
Multiplication and Division (2)

Example Express the following story with an addition math sentence. You can use a □ as the unknown number. Then find the answer.

36 pieces of candy are divided up equally. Each person gets 3 pieces. How many people are there altogether?

3 pieces of candy □ people

Total 36 pieces of candy

Math Sentence $36 \div \square = 3$

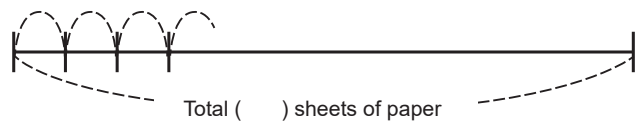How to find a number in the □ $36 \div 3 = 12$

Answer 12 people

Express the following stories with division math sentences. You can use a □ as the unknown number. Then find the answers.

1 There are 56 sheets of paper. These are divided equally, and each student ends up with 8 sheets each. How many students are there?

( ) sheets □ students

Total ( ) sheets of paper

Math Sentence

How to find a number in the □
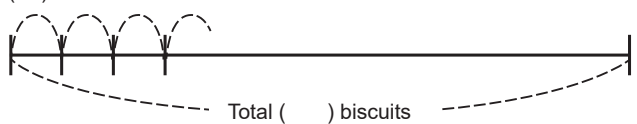
Answer students

2 36 biscuits are divided equally among some children and each child gets 4 biscuits. How many children are there?

( ) biscuits □ children

Total ( ) biscuits

Math Sentence

How to find a number in the □

Answer children

Express the following stories with division math sentences. You can use a ☐ as the unknown number. Then find the answers.

1   There were 25 students reading books in the library. More students came and now there are 37 students in the library. How many students came to the library?

Math Sentence ☐

How to find a number in the ☐ ☐   Answer ☐ students

2   There were 64 people participating in the sports festival. Then some people went back home. Now there are only 28 people. How many people went back home?

Math Sentence ☐

How to find a number in the ☐ ☐   Answer ☐ people

3   My mother bought 7 boxes containing some pieces of chocolate. Now there are 56 pieces of chocolate altogether. How many pieces of chocolate are there in each box?

Math Sentence ☐

How to find a number in the ☐ ☐   Answer ☐ pieces of chocolate

4   44 biscuits are divided equally among some children and each child gets 4 biscuits each. How many children are there?

Math Sentence ☐

How to find a number in the ☐ ☐   Answer ☐ children

171