

Solve each problem using a tape diagram.

1) In one day a restaurant used 27 knives. They also used 4 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?

Answers

4. _____

5.

3) A store sold 49 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?

2) Chef George buys 23 carrots. He buys 2 times as many potatoes as carrots and 3 times as

many tomatoes as potatoes. How many vegetables did he buy all together?

4) On week 1 a football player jogged for 31 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 6 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

5) A store sold 37 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?



Multiplication With Tape Diagram

Answer Kev

Name:

Solve each problem using a tape diagram.

Answers

1) In one day a restaurant used 27 knives. They also used 4 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?

27 knives forks

351

1519

2) Chef George buys 23 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots

Tomatoes

spoons

23

Potatoes

- 3) A store sold 49 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?

 \mathbf{C}

AAA

AA

4) On week 1 a football player jogged for 31 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 6 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

Week 1

Week 2

Week 3

5) A store sold 37 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

 \mathbf{C}

37

AAA

AA