



Multiplication With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

Answers

1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 40. Her friend Jessica collected 5 times as many and her other friend Sarah collected 8 times as many. How many cans did they collect total?

Stephanie

Jessica

Sarah

1. _____

2. _____

3. _____

4. _____

5. _____

2) A store sold 26 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

3) While building a house, a contractor spent \$27 on outlets. He spent 2 times that amount on fixtures and 8 times the amount on sheet rock. How much did he spend total?

outlets

fixtures

sheet rock

4) An ice cream shop sold 22 waffle cones. They sold 2 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle

Sugar

Wafer

5) A malt shop sold 15 vanilla shakes. They sold 3 times as many strawberry shakes and 6 times as many chocolate shakes. How many shakes did they sell total?

vanilla

strawberry

chocolate

1-5



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Stephanie

Jessica

Sarah

Answers

1. **560**

2. **182**

3. **297**

4. **198**

5. **150**

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