



Solve each problem using a tape diagram.

Answers

- 1) A malt shop sold 11 vanilla shakes. They sold 5 times as many strawberry shakes and 6 times as many chocolate shakes. How many shakes did they sell total?

- 2) A school principal was looking over grades. In math 41 students scored a C. 3 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

- 3) A movie theater typically sells 47 small sodas a day. They also sell about 8 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

- 4) A store sold 11 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

- 5) While building a house, a contractor spent \$31 on outlets. He spent 6 times that amount on fixtures and 5 times the amount on sheet rock. How much did he spend total?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

Answers

- 1) A malt shop sold 11 vanilla shakes. They sold 5 times as many strawberry shakes and 6 times as many chocolate shakes. How many shakes did they sell total?

1. **132**vanilla

strawberry

2. **410**chocolate

3. **611**

- 2) A school principal was looking over grades. In math 41 students scored a C. 3 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

C

B

4. **187**A

5. **372**

- 3) A movie theater typically sells 47 small sodas a day. They also sell about 8 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

Small

Medium

Large

- 4) A store sold 11 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

- 5) While building a house, a contractor spent \$31 on outlets. He spent 6 times that amount on fixtures and 5 times the amount on sheet rock. How much did he spend total?

outlets

fixtures

sheet rock