

**Solve each problem using a tape diagram.**

# Answers

- 1) A school principal was looking over grades. In math 47 students scored a C. 2 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?
- 2) An ice cream shop sold 25 waffle cones. They sold 6 times as many sugar cones as waffle cones and 8 times as many wafer cones as sugar cones. How many cones did they sell total?
- 3) On week 1 a football player jogged for 21 minutes. On week 2 he jogged for 5 times as long. On week 3 he jogged for 9 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?
- 4) A store sold 40 C batteries in a day. They sold 9 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?
- 5) An ice cream shop sold 38 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?

1. \_\_\_\_\_

2.

3.

4.

5.



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**Answers**

- 1) A school principal was looking over grades. In math 47 students scored a C. 2 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	<div>47</div>
B	<div></div>
A	<div></div>

1. **329**2. **1375**3. **1071**4. **1120**5. **266**

- 2) An ice cream shop sold 25 waffle cones. They sold 6 times as many sugar cones as waffle cones and 8 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle	<div>25</div>
Sugar	<div></div>
Wafer	<div></div>

- 3) On week 1 a football player jogged for 21 minutes. On week 2 he jogged for 5 times as long. On week 3 he jogged for 9 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

Week 1	<div>21</div>
Week 2	<div></div>
Week 3	<div></div>

- 4) A store sold 40 C batteries in a day. They sold 9 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?

C	<div>40</div>
AAA	<div></div>
AA	<div></div>

- 5) An ice cream shop sold 38 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle	<div>38</div>
Sugar	<div></div>
Wafer	<div></div>