Use the double numberline to solve the problems.
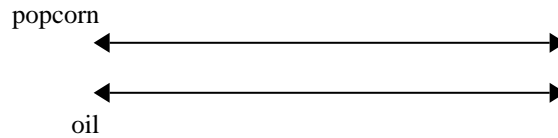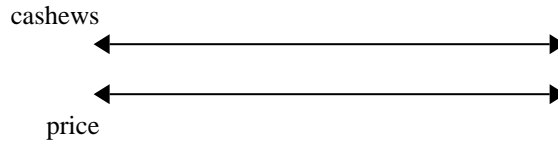
1) A movie theater put 4 cups of oil for every 2 batches of popcorn they made. After they had made 6 batches of popcorn, how much oil would they have used?
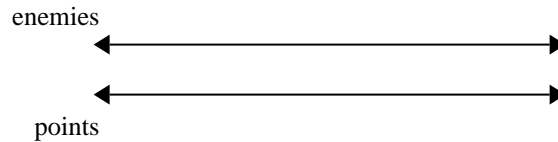
popcorn

oil

1. _____

2. _____

2) A store had a sale where you could get 6 bags of cashews for $8. If you wanted to buy 60 bags, how much would it cost?

cashews

price

3. _____

4. _____

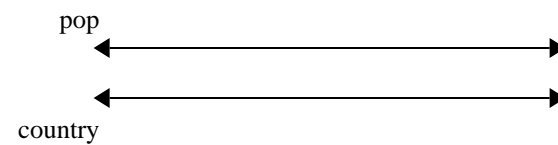**3)** In a video game for every 7 enemies defeat, you earned 6 points. If you defeated 14 enemies, how many points would you have earned?
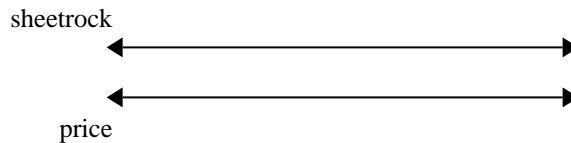
enemies

points

5. _____

6. _____

7. _____

4) On her MP3 player for every 8 pop song Maria had she also had 10 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?
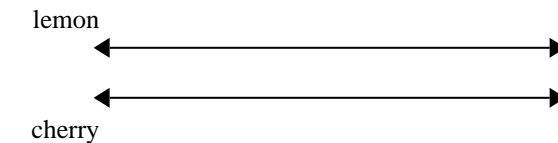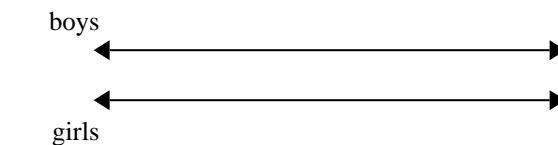
pop

country

8. _____

5) A builder could get 3 sheets of sheetrock for $2. If he bought 15 sheets, how much money would he have spent?

sheetrock

price

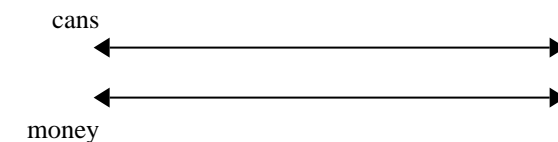**6)** A box of candy had 8 cherry pieces for every 3 lemon pieces. If the box had 30 lemon pieces, how many cherry pieces would there be?

lemon

cherry

7) The ratio of boys to girls at the park was 3 to 2. If there were 21 boys, how many girls were there?
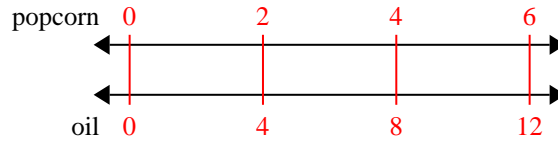
boys

girls

8) For every 7 cans Luke collected for recycling he earned 10 cents. After he collected 21 cans, how much money would he have earned?

cans

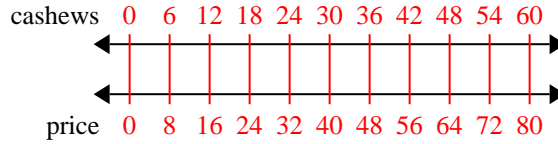money

Name: **Answer Key**

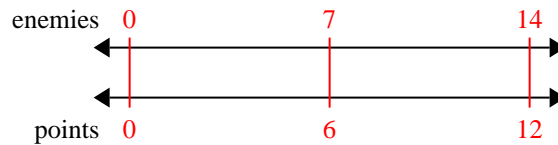**Use the double numberline to solve the problems.**

Answers

1) A movie theater put 4 cups of oil for every 2 batches of popcorn they made. After they had made 6 batches of popcorn, how much oil would they have used?
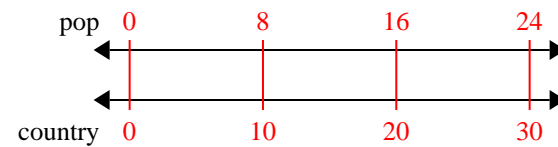
popcorn: 0, 2, 4, 6
oil: 0, 4, 8, 12

1. **12**

2) A store had a sale where you could get 6 bags of cashews for $8. If you wanted to buy 60 bags, how much would it cost?

cashews: 0, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60
price: 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80

2. **80**
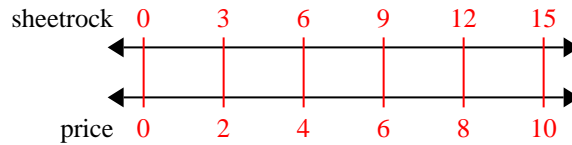
3) In a video game for every 7 enemies defeat, you earned 6 points. If you defeated 14 enemies, how many points would you have earned?
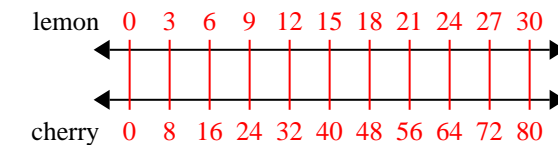
enemies: 0, 7, 14
points: 0, 6, 12

3. **12**

4) On her MP3 player for every 8 pop song Maria had she also had 10 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?
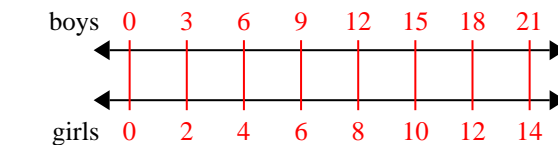
pop: 0, 8, 16, 24
country: 0, 10, 20, 30

4. **30**

5) A builder could get 3 sheets of sheetrock for $2. If he bought 15 sheets, how much money would he have spent?
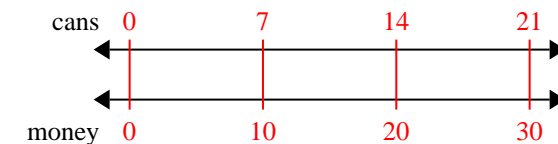
sheetrock: 0, 3, 6, 9, 12, 15
price: 0, 2, 4, 6, 8, 10

5. **10**

6) A box of candy had 8 cherry pieces for every 3 lemon pieces. If the box had 30 lemon pieces, how many cherry pieces would there be?

lemon: 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
cherry: 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80

6. **80**

7) The ratio of boys to girls at the park was 3 to 2. If there were 21 boys, how many girls were there?

boys: 0, 3, 6, 9, 12, 15, 18, 21
girls: 0, 2, 4, 6, 8, 10, 12, 14

7. **14**

8) For every 7 cans Luke collected for recycling he earned 10 cents. After he collected 21 cans, how much money would he have earned?

cans: 0, 7, 14, 21
money: 0, 10, 20, 30

8. **30**

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0