Using Double Numberlines for Ratios

Name:

Use the double numberline to solve the problems.

Answers

1) A recipe call for 9 teaspoons of seasoning for every 10 batches of chicken. If you have 70 batches of chicken, how many teaspoons of seasoning will you need?

chicken

asoning

2) At a school fundraiser for every 6 boxes of chocolate sold you earn 10 points. If you were to sell 36 boxes, how many points would you have earned?

boxes

points

3) In a video game for every 3 enemies defeat, you earned 7 points. If you defeated 24 enemies, how many points would you have earned?

enemies

points

4) A movie theater put 10 cups of oil for every 8 batches of popcorn they made. After they had made 72 batches of popcorn, how much oil would they have used?

popcorn

oil

5) On her MP3 player for every 6 pop song Tiffany had she also had 9 country song. If she has 12 pop songs on her MP3 player, how many country songs does she have?

pop

country

6) A store had a sale where you could get 6 bags of cashews for $7. If you wanted to buy 54 bags, how much would it cost?

ashews

price

7) A builder could get 9 sheets of sheetrock for $8. If he bought 81 sheets, how much money would he have spent?
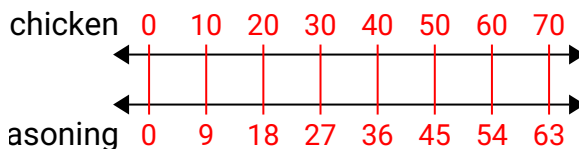
eetrock

price

8) A box of candy had 9 cherry pieces for every 6 lemon pieces. If the box had 42 lemon pieces, how many cherry pieces would there be?

lemon

cherry

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Name: **Answer Key**

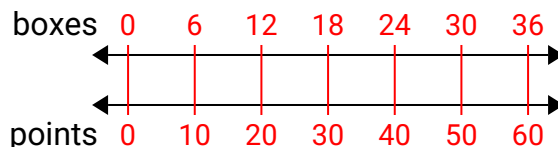**Use the double numberline to solve the problems.**

Answers

1) A recipe call for 9 teaspoons of seasoning for every 10 batches of chicken. If you have 70 batches of chicken, how many teaspoons of seasoning will you need?

chicken 0 10 20 30 40 50 60 70

asoning 0 9 18 27 36 45 54 63

1. _____ **63**

2) At a school fundraiser for every 6 boxes of chocolate sold you earn 10 points. If you were to sell 36 boxes, how many points would you have earned?
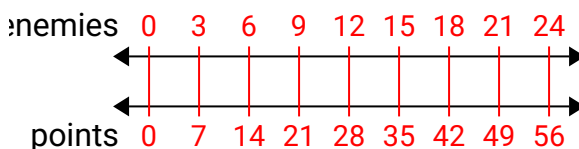
boxes 0 6 12 18 24 30 36

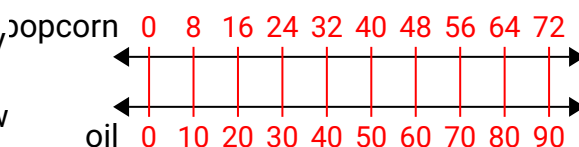points 0 10 20 30 40 50 60

2. _____ **60**

3. _____ **56**

3) In a video game for every 3 enemies defeat, you earned 7 points. If you defeated 24 enemies, how many points would you have earned?

enemies 0 3 6 9 12 15 18 21 24

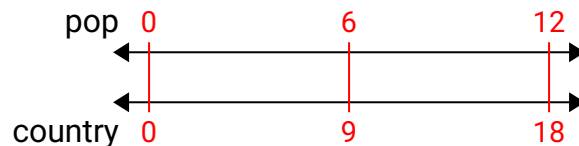points 0 7 14 21 28 35 42 49 56

4. _____ **90**

5. _____ **18**

4) A movie theater put 10 cups of oil for every 8 batches of popcorn they made. After they had made 72 batches of popcorn, how much oil would they have used?
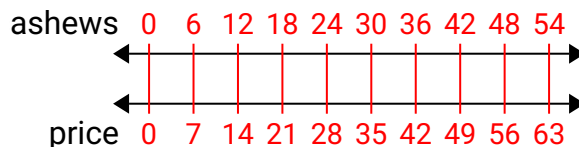
popcorn 0 8 16 24 32 40 48 56 64 72

oil 0 10 20 30 40 50 60 70 80 90
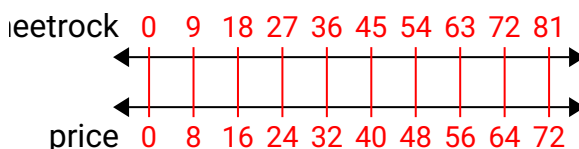
6. _____ **63**

7. _____ **72**

5) On her MP3 player for every 6 pop song Tiffany had she also had 9 country song. If she has 12 pop songs on her MP3 player, how many country songs does she have?

pop 0 6 12

country 0 9 18

8. _____ **63**

6) A store had a sale where you could get 6 bags of cashews for $7. If you wanted to buy 54 bags, how much would it cost?

ashews 0 6 12 18 24 30 36 42 48 54

price 0 7 14 21 28 35 42 49 56 63

7) A builder could get 9 sheets of sheetrock for $8. If he bought 81 sheets, how much money would he have spent?

eetrock 0 9 18 27 36 45 54 63 72 81

price 0 8 16 24 32 40 48 56 64 72

8) A box of candy had 9 cherry pieces for every 6 lemon pieces. If the box had 42 lemon pieces, how many cherry pieces would there be?

lemon 0 6 12 18 24 30 36 42

cherry 0 9 18 27 36 45 54 63