



Use the double numberline to solve the problems.

Answers

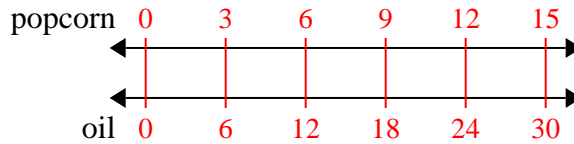
- 1) A movie theater put 6 cups of oil for every 3 popcorn batches of popcorn they made. After they had made 15 batches of popcorn, how much oil would they have used?
- popcorn  
oil
- 2) A sloppy joe restaurant gave 5 napkins for every 3 items ordered. If someone bought 12 items, how many napkins should they get?
- item  
napkins
- 3) For every 4 cans Frank collected for recycling he earned 3 cents. After he collected 32 cans, how much money would he have earned?
- cans  
money
- 4) At a school fundraiser for every 4 boxes of chocolate sold you earn 9 points. If you were to sell 20 boxes, how many points would you have earned?
- boxes  
points
- 5) On her MP3 player for every 9 pop song Gwen had she also had 4 country song. If she has 45 pop songs on her MP3 player, how many country songs does she have?
- pop  
country
- 6) A recipe call for 4 teaspoons of seasoning for every 9 batches of chicken. If you have 90 batches of chicken, how many teaspoons of seasoning will you need?
- chicken  
seasoning
- 7) A box of candy had 2 cherry pieces for every 7 lemon pieces. If the box had 56 lemon pieces, how many cherry pieces would there be?
- lemon  
cherry
- 8) In a video game for every 3 enemies defeat, you earned 8 points. If you defeated 30 enemies, how many points would you have earned?
- enemies  
points
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_  
7. \_\_\_\_\_  
8. \_\_\_\_\_



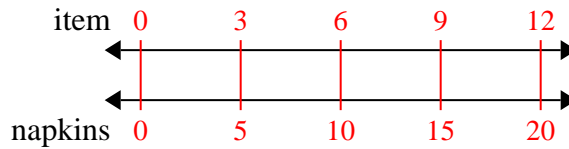
Use the double numberline to solve the problems.

**Answers**

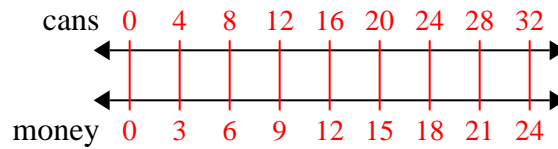
- 1) A movie theater put 6 cups of oil for every 3 batches of popcorn they made. After they had made 15 batches of popcorn, how much oil would they have used?

1. **30**

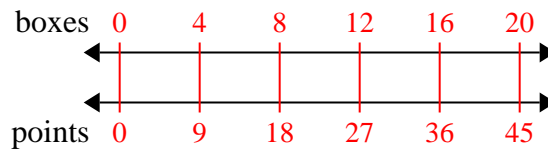
- 2) A sloppy joe restaurant gave 5 napkins for every 3 items ordered. If someone bought 12 items, how many napkins should they get?

2. **20**

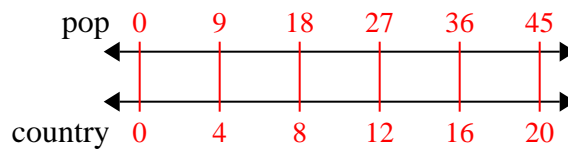
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3. **24**

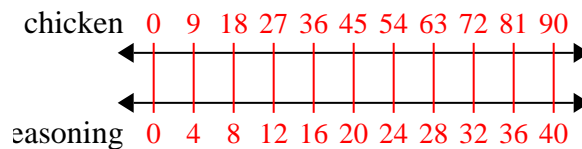
- 4) At a school fundraiser for every 4 boxes of chocolate sold you earn 9 points. If you were to sell 20 boxes, how many points would you have earned?

4. **45**

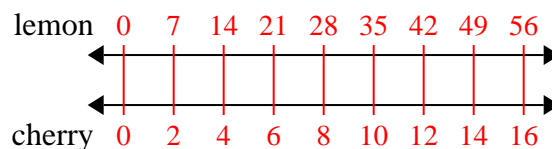
- 5) On her MP3 player for every 9 pop song Gwen had she also had 4 country song. If she has 45 pop songs on her MP3 player, how many country songs does she have?

5. **20**

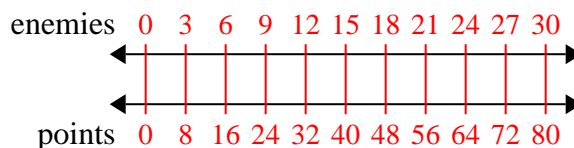
- 6) A recipe call for 4 teaspoons of seasoning for every 9 batches of chicken. If you have 90 batches of chicken, how many teaspoons of seasoning will you need?

6. **40**

- 7) A box of candy had 2 cherry pieces for every 7 lemon pieces. If the box had 56 lemon pieces, how many cherry pieces would there be?

7. **16**

- 8) In a video game for every 3 enemies defeat, you earned 8 points. If you defeated 30 enemies, how many points would you have earned?

8. **80**