Name: _____ Date: _____

Word Problems Dimensional Analysis - Medium

Solve each word problem using dimensional analysis.

1. A hose fills a pool at 8 gallons per minute. How many gallons in 5 hours?

2. Eggs cost $9 for a dozen. How much do 96 eggs cost?

3. A tutor earns $10 per half hour. How much does she earn in 3 hours?

4. A hose fills a pool at 9 gallons per minute. How many gallons in 2 hours?

5. Eggs cost $3 for a pack of 6. How much do 18 eggs cost?

6. Eggs cost $4 for a dozen. How much do 132 eggs cost?

Name: _____ Date: _____

Fresh Math

Word Problems Dimensional Analysis - Medium

Solve each word problem using dimensional analysis.

7. Eggs cost $9 for a pack of 6. How much do 30 eggs cost?

8. A tutor earns $8 per half hour. How much does she earn in 2 hours?

9. Eggs cost $2 for a dozen. How much do 120 eggs cost?

10. A train travels 144 miles at 48 miles per hour. How many hours does the trip take?

11. A tutor earns $14 per half hour. How much does she earn in 6 hours?

12. A train travels 300 miles at 60 miles per hour. How many hours does the trip take?

Name: _____ Date: _____

Word Problems Dimensional Analysis - Medium

Solve each word problem using dimensional analysis.

13. Eggs cost $9 for a pack of 6. How much do 54 eggs cost?

14. A train travels 196 miles at 49 miles per hour. How many hours does the trip take?

15. A hose fills a pool at 3 gallons per minute. How many gallons in 4 hours?

16. Eggs cost $5 for a pack of 6. How much do 18 eggs cost?

Word Problems Dimensional Analysis - Medium - Answer Key

1. A hose fills a pool at 8 gallons per minute. How many gallons in 5 hours?

   2400 gallons
2. Eggs cost $9 for a dozen. How much do 96 eggs cost?

   $72
3. A tutor earns $10 per half hour. How much does she earn in 3 hours?

   $60
4. A hose fills a pool at 9 gallons per minute. How many gallons in 2 hours?

   1080 gallons
5. Eggs cost $3 for a pack of 6. How much do 18 eggs cost?

   $9
6. Eggs cost $4 for a dozen. How much do 132 eggs cost?

   $44

Word Problems Dimensional Analysis - Medium - Answer Key

7. Eggs cost $9 for a pack of 6. How much do 30 eggs cost?

   $45

8. A tutor earns $8 per half hour. How much does she earn in 2 hours?

   $32

9. Eggs cost $2 for a dozen. How much do 120 eggs cost?

   $20

10. A train travels 144 miles at 48 miles per hour. How many hours does the trip take?

    3 hours

11. A tutor earns $14 per half hour. How much does she earn in 6 hours?

    $168

12. A train travels 300 miles at 60 miles per hour. How many hours does the trip take?

    5 hours

Word Problems Dimensional Analysis - Medium - Answer Key

13. Eggs cost $9 for a pack of 6. How much do 54 eggs cost?

    $81

14. A train travels 196 miles at 49 miles per hour. How many hours does the trip take?

    4 hours

15. A hose fills a pool at 3 gallons per minute. How many gallons in 4 hours?

    720 gallons

16. Eggs cost $5 for a pack of 6. How much do 18 eggs cost?

    $15