

Review For Unit 2 Test

1. The low temperature for Lake Dallas rose 5 degrees each day for 4 days. Write an expression that could be used to find the change over 4 days.
2. Draw a number line to represent the following:

$$-3 + 7 = 4$$

$$5 + (-10) = -5$$

3. What expression is being represented on the number line below?

4. Solve the following using PEMDAS

$$8 + 2(16 \div 4 \cdot 2)$$

$$16 - 9 + 3 \div 6$$

5. Solve the follow:

$$4(9-2) \div 2^2 + 3$$

$$5^2(3-4 \times 2)$$

6. A box of CD has 14 discs. Each disc weighs 29.2 grams. What is the best estimate of the weight of THREE boxes of CDs?
7. Kate earns \$8.25 per hour babysitting. If she baby sits for 14 hours how much money will she earn?
8. John wants to fence off an area 8 feet by 20 feet in his yard. How much fencing does he need to surround this area?
9. Sam practices playing his trumpet between $1\frac{1}{2}$ hours and $2\frac{1}{4}$ hours per day. What is a reasonable amount of tie he practices in five days?
10. Sara's bedroom is in the shape of a rectangle. It has a perimeter of 40 feet. The length of one wall is 12 feet. What is the width of the bedroom?

11. Tony weighs 104.6 pounds. Jess weighs 102.8 pounds. What is the difference between their weights?

12. Terry runs $6\frac{1}{2}$ hours per week. She ran the following times this week:

Sunday $\frac{3}{4}$ hour

Monday $1\frac{1}{2}$ hour

Tuesday $\frac{1}{4}$ hour

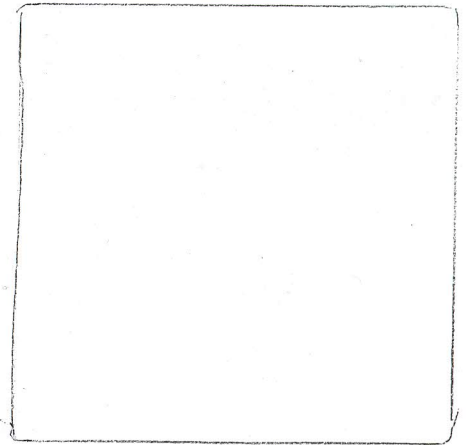
Wednesday $1\frac{1}{4}$ hour

Thursday $\frac{1}{2}$ hour

Friday 2 hours

How far did she run on Saturday?

13. Draw a model to represent $\frac{1}{2}$ multiplied by $\frac{1}{4}$.



14. Write the expression and solve for the drawing in problem 13.