

Math Test Review - Unit 8

I can choose the appropriate method to find products of whole number multiplication problems.
I can fluently multiply whole numbers.
I can follow the rules for order of operations.

1. Ring the letter of the correct number sentence.

- A. $36 - 3 \times (8 + 3) = 3$
- B. $(36 - 3) \times (8 + 3) = 3$
- C. $36 - (3 \times 8) + 3 = 3$

Use the table below to answer question 2.

Candy Bar	Price
Snickers	89 cents
Twix	76 cents
Kit-Kat	75 cents
Butterfinger	\$1.00

2. Which example shows the following situation: Richard bought 7 Snickers bars and 2 Kit-Kats.

- A. $(2 \times .89) + (7 \times .75) =$
- B. $(7 \times .89) + (2 \times .75) =$
- C. $9 \times 164 =$

3. If t-shirts cost \$14.00 and pants cost \$26.00, how much will you spend if you buy 3 pairs of pants and 5 t-shirts?

4. How did you figure out the answer to number 3?

For 5 and 6, write the next three numbers in each sequence.

5. 1, 3, 6, 10, 15, _____, _____, _____

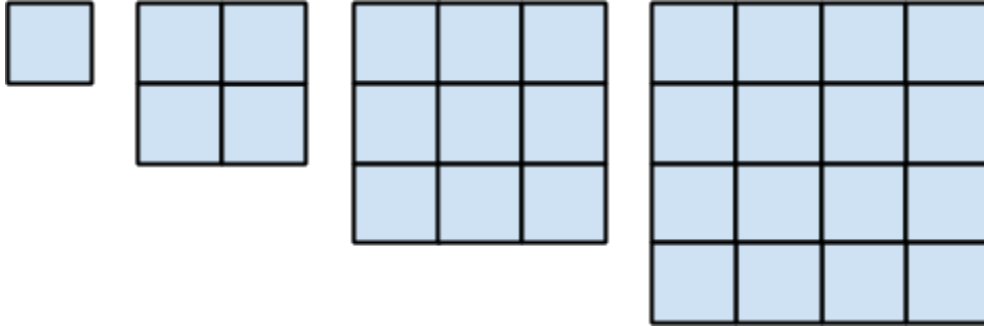
6. 33, 34, 36, 39, 43, _____, _____, _____,

7. **Write the steps** you would take to solve $6 \times (9 + 2) - 4 =$. Then **solve** the problem.

8. Shane bought 18 packs of gum. There were 12 sticks of gum in each pack. Give an estimate of how many sticks of gum Shane bought.

9. Marcus has 9 boxes with 23 pencils in each box. Is the total number of pencils closer to 200 or 220? Explain your reasoning.

Use the arrays below to answer question 10.



10. How many boxes will be in the next array?

11. Fill in the missing multiplication sentences to extend each column's pattern.

Column A	Column B
3 x 3	5 x 5
4 x 4	6 x 4
5 x 5	7 x 3

12. Solve: $3 \times 7 - 6 =$

13. Solve: $(16 - 9) \times 4 =$

Use the price list to solve problems 14 & 15.

Country of Destination	Packages under 1 lb.	Letters (1 oz. or less)
Mexico	\$4.75	\$0.45
Ireland	\$6.50	\$0.50
India	\$10.50	\$1.75

14. Is it cheaper to send one 12-oz. package or twelve 1-oz. letters to Mexico? Show your work!

15. How much would it cost to mail three 10-oz. packages to Ireland and five $\frac{1}{2}$ -oz. letters to India? Show your work!
