

Estimation

Grade 8 Pre-Algebra Post-test 1 (2008)

8m 1n b2 o1a

8m 1n b2 o1b

8m 1n b2 o2a

8m 1n b2 o2b

8m 1n b2 o3a

8m 1n b2 o3b

8m 1n b2 o4a

8m 1n b2o 4b

8m 1n b2 o5a

8m 1n b2 o6

Name _____

Unit Test: Estimation

Circle the best estimate for each answer.

1. 798×203

a. 200,000

b. 240,000

c. 250,000

2. $16 \frac{1}{7} - 7 \frac{4}{5}$

j. 7

k. 8

l. 9

m. 10

3. $5 \frac{11}{12} \times 11.12$

a. 55

b. 60

c. 66

d. 72

4. 385×4

j. less than 1,600

k. greater than 1,600

5. 618.5×497.25

a. less than 300,000

b. greater than 300,000

6. $10 \frac{7}{8} \times \frac{4}{5}$

j. 0

k. 1

l. 10

m. 11

7. $6.2\% + 1.7\% + 3.4\% + 12.5\%$ is about:

a. 20

b. 22

c. 24

d. 26

Estimation

8. About how much will you save by buying the set of garden tools?

Garden Tools	
Trowel	\$2.29
Dibber	\$2.69
Fork	\$2.49
Special!!	
Set of 3	\$6.00

- j. No savings k. \$1 l. \$2 m. \$3

9. If 3 bags of dog food cost \$26.10 total, the cost of each bag is:

- a. Less than \$8 b. Between \$8 and \$9 c. Greater than \$9

10. About how much would you pay for 20 cans of dog food if you can buy 8 for \$1.96?

- j. \$4 k. \$4.50 l. \$32 m. \$40

11. Tasha needs $9\frac{5}{8}$ inches of string to trim each basket. If she plans to trim 120 baskets, how many rolls of string must Tasha buy?

20 ft. per roll



- a. 5 b. 6 c. 10 d. 12

12. 2359×3971

- j. 8000 k. 80,000 l. 800,000 m. 8,000,000

Estimation

13. $9742 \div 4901$

- a. 2 b. 20 c. 200 d. 2,000

14. $35.41 \div 6.78$

- j. 4 k. 5 l. 6 m. 7

15. 12.34×6.92

- a. 60 b. 72 c. 84 d. 126

16. Give an example of how you use estimation within your life. Please be specific when you provide your answer.
