Name: **Show ALL work**. No calculators. Time it took to take test:

1. Add the following numbers.

122.4, 72.33, and 0.45

2. Solve.

$$\begin{array}{r} 310,011 \\ -\ 299,332 \\ \hline \end{array}$$

3. Solve and reduce.

$\frac{2}{3} + \frac{1}{4} =$

$\frac{3}{4} - \frac{1}{3} =$

4. Round **$7.49824** to the nearest...

whole number: _____

tenth: _____

hundredth: _____

thousandth: _____

cent: _____

5. Solve – round to the nearest hundredths place.

$6\overline{)5477}$

6. Solve and reduce.

$\frac{2}{3} \times \frac{1}{4} =$

$\frac{3}{4} \div \frac{1}{3} =$

7. Anne earns $2.50 for every hour she babysits. If she babysits from 10:00 a.m. to 4:30 p.m., how much money will she earn?

8. Albert's last 3 test scores were 77, 93, and 79. What is his average test score?

9. Solve.

$$\begin{array}{r} 491 \\ \times\ 392 \\ \hline \end{array}$$

10. Twelve cards come in a box. One package contains 10 boxes; and 1 carton contains 8 packages. **How many cards are in 1 carton?**


carton


package

box

11. Solve.

$$\begin{array}{r} 0.31 \\ \times\ \ 0.7 \\ \hline \end{array}$$

12. Jeff's age is 1/3 of his mom's age. If his mom is 39 years old, how old is Jeff?

13. What is 30% of 125?

14. Write as an improper fraction.

$4\frac{2}{3}$

Write as a mixed number.

$\frac{22}{3}$

15. Solve and reduce.

$3\frac{1}{3}$

$+ 1\frac{1}{4}$

$5\frac{1}{6}$

$- 2\frac{1}{4}$

16. Reduce the fraction as far as possible (not decimal format).

$\frac{40}{100}$

Convert the decimal to a percent.

.04

17. Solve each problem.

(150)(10) =

$\frac{150}{10} =$

150 · 10 =

150/10 =

18. Find X.

$\frac{3}{20} = \frac{X}{100}$

X – 11 = 122

19. What is the least common multiple of the following numbers?

6 and 8

20. The price of an item on sale for 40% off is $48. What was the original price before the sale?

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