

Name _____

Date _____

Cumulative Review #12

1) Write an expression for each of the following statements.

34 minus 5 times the difference of 11 and 6

Add 8 to the sum of 23 and 10

Subtract the difference of 20 and 14 from 60

MONDAY

2) Solve using the traditional algorithm.

$$398 \times 45$$

MONDAY

3) Change each mixed number into an improper fraction. Draw a model if needed.

$$3\frac{2}{5} = \underline{\hspace{2cm}}$$

$$4\frac{4}{7} = \underline{\hspace{2cm}}$$

Change each improper fraction into a mixed number. Draw a model if needed.

$$\frac{25}{6} = \underline{\hspace{2cm}}$$

$$\frac{19}{4} = \underline{\hspace{2cm}}$$

MONDAY

4) Solve using partial quotients and check.

$$5,692 \div 48 = \underline{\hspace{2cm}}$$

CHECK:

MONDAY

5) Add or subtract the fractions below.
Simplify when necessary.

$$\frac{4}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$$

$$2 - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} - \frac{2}{6} = \underline{\hspace{2cm}}$$

MONDAY

6) Write the following numbers.

$$10^2 = \underline{\hspace{2cm}}$$

$$10^3 = \underline{\hspace{2cm}}$$

$$10^4 = \underline{\hspace{2cm}}$$

$$10^5 = \underline{\hspace{2cm}}$$

$$10^6 = \underline{\hspace{2cm}}$$

$$10^2 \times 700 = \underline{\hspace{2cm}}$$

$$10^3 \times 23 = \underline{\hspace{2cm}}$$

$$10^4 \div 200 = \underline{\hspace{2cm}}$$

MONDAY

7) Answer the following.

 cm = 1 meter

 in = 1 foot

 ft. = 1 yard

 oz = 1 pound

 sec. = 1 minute

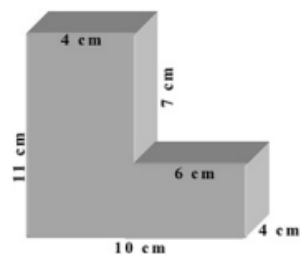
 min. = 1 hour

 hrs. = 1 day

TUESDAY

8)

What is the volume of the figure below?



Show your work.

TUESDAY

9) The volume of a rectangular prism is 770 cubic inches. If the area of the base is 55 square inches, find its height. Draw and label a model to show your thinking.

TUESDAY

10) Samantha says that $\frac{2}{3}$ cup of cocoa plus $\frac{1}{2}$ cup of cocoa equals $\frac{7}{6}$ cup of cocoa. Andrew says she is incorrect, and that the sum equals $1\frac{1}{6}$ cups of cocoa. Who is correct? Justify your answer.

TUESDAY

11) Marco had \$16. Then he spent $\frac{1}{4}$ of his money on lunch and $\frac{1}{2}$ on a video game. How much money did he have left?

*You may draw a bar to help you solve

TUESDAY

12) Samantha had 60 beads. Of those beads, $\frac{1}{3}$ were wooden and the rest were glass. Of the glass beads, $\frac{1}{4}$ were red, and the rest were multicolor. How many were multicolor? How many were red?

*You may draw a bar to help you solve

TUESDAY