

Topic 10
Test

1. Manny used the computer for $\frac{2}{10}$ of his allotted time before school and $\frac{3}{10}$ after school. Which of the following can be used to find how much of his allotted time he used the computer? (10-1)
- A Write $\frac{2}{10} + \frac{3}{10}$ to get $\frac{5}{10}$. Simplify to $\frac{1}{2}$.
 B Write $\frac{2}{10} + \frac{3}{10}$ to get $\frac{5}{20}$. Simplify to $\frac{1}{5}$.
 C Write $\frac{2}{10} + \frac{3}{10}$ to get $\frac{5}{10}$. Simplify to $\frac{1}{2}$.
 D Write $\frac{2}{10} + \frac{3}{10}$ to get $\frac{5}{10}$.
5. In music, a sixteenth note often receives $\frac{1}{4}$ of a beat and an eighth note often receives $\frac{1}{2}$ of a beat. What fraction of a beat would a sixteenth note and an eighth note receive together? (10-3)
- A $\frac{3}{4}$
 B $\frac{3}{8}$
 C $\frac{3}{16}$
 D $\frac{1}{4}$

2. Rick made a paper football that was $1\frac{1}{6}$ inches long. Carly made one $\frac{5}{6}$ of an inch long. How much longer was Rick's paper football than Carly's? (10-6)
- A $1\frac{1}{6}$ inches
 B $1\frac{2}{3}$ inches
 C $\frac{2}{3}$ inch
 D $\frac{1}{3}$ inch
6. The table lists sizes of packages of school supplies. What is the smallest number of pencils and erasers that Mrs. Deng can buy so that she will have the same number of each? (10-2)

Item	Number in Package
Paper	50
Pencils	12
Erasers	10

3. What is $4\frac{1}{6} + 3\frac{1}{2}$? (10-5)
- A $7\frac{1}{5}$
 B $7\frac{2}{11}$
 C $7\frac{11}{60}$
 D $7\frac{11}{30}$
4. Which of the following pairs of numbers has a least common multiple of 24? (10-2)
- A 4 and 6
 B 3 and 8
 C 2 and 12
 D 3 and 6
7. Mrs. Jin said that $\frac{4}{12}$ of the test items are multiple choice, $\frac{5}{12}$ are short answer, and the rest are matching. What fraction of the items are either multiple choice or short answer? (10-1)
- A $\frac{1}{12}$
 B $\frac{1}{4}$
 C $\frac{3}{8}$
 D $\frac{3}{4}$

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8. Teri and her friends bought a submarine sandwich that was 28 inches or $\frac{7}{9}$ yards long. They ate 24 inches or $\frac{2}{3}$ of a yard. What part of a yard was left? (10-4)
- A $\frac{5}{6}$
 B $\frac{5}{9}$
 C $\frac{1}{9}$
 D $\frac{1}{18}$
9. Casey has \$56 to spend on juice and crackers for a party. Juice costs \$2 per bottle and crackers cost \$3 per box. If Casey would like to buy 2 more boxes of crackers than bottles of juice, how many of each should Casey buy to spend exactly \$56? (10-7)
- A 12 bottles of juice and 10 boxes of crackers
 B 8 bottles of juice and 10 boxes of crackers
 C 10 bottles of juice and 12 boxes of crackers
 D 8 bottles of juice and 14 boxes of crackers
11. Of the balls shown, $\frac{1}{3}$ are basketballs and $\frac{1}{5}$ are soccer balls. What fraction of the balls are either basketballs or soccer balls? (10-3)
- A $\frac{1}{9}$
 B $\frac{2}{15}$
 C $\frac{1}{5}$
 D $\frac{2}{5}$



12. The Jacobys went on a 600 mile trip. On the first day they drove $5\frac{2}{3}$ hours and on the second day they drove $4\frac{3}{5}$ hours. How long did they drive during the first two days? (10-5)
- A $10\frac{4}{15}$ hours
 B 10 hours
 C $9\frac{19}{30}$ hours
 D $9\frac{4}{15}$ hours

13. Marie needs $2\frac{1}{4}$ yards of fabric. She already has $1\frac{3}{8}$ yards. How many yards of fabric does she need? (10-6)
- A $\frac{3}{4}$ yard
 B $\frac{7}{8}$ yard
 C $1\frac{1}{4}$ yard
 D $1\frac{7}{8}$ yard

10. A green snake is about $\frac{8}{9}$ of a yard long. A garter snake is about $\frac{13}{18}$ of a yard. About how much longer is the green snake than the garter? (10-4)
- A $\frac{1}{6}$ yard
 B $\frac{4}{18}$ yard
 C $\frac{5}{18}$ yard
 D $\frac{5}{9}$ yard
14. Which equals $\frac{5}{12} - \frac{3}{12}$? (10-1)
- A $\frac{1}{12}$
 B $\frac{1}{6}$
 C $\frac{8}{12}$
 D $\frac{2}{3}$



Name: _____

Subtracting Decimals to Thousandths

with regrouping

Directions: Solve the decimal subtraction problems below.

$$\begin{array}{r} 1. \quad 4.368 \\ - 2.179 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 37.52 \\ - 19.73 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 6.987 \\ - 5.812 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 6589.3 \\ - 5792.5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 456.2 \\ - 272.3 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 75.29 \\ - 38.38 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad .324 \\ - .203 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 583.1 \\ - 426.4 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5.673 \\ - .792 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad .452 \\ - .383 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 924.5 \\ - 836.7 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 9.24 \\ - 4.61 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 82.378 \\ - 74.469 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 123.65 \\ - 23.45 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 559.3 \\ - 235.2 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 489.55 \\ - 392.66 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 46.277 \\ - 37.189 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 56.71 \\ - 33.40 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 25.522 \\ - 14.846 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 9.210 \\ - 6.583 \\ \hline \end{array}$$



Name: _____

Elapsed Time: to the minute

How much time has passed?

Write the elapsed time.

Answer Key



<u>Start</u>		<u>End</u>	<u>Elapsed Time</u>
4:26 P.M.	to	8:32 P.M.	4 hours 6 minutes
12:43 P.M.	to	2:51 P.M.	2 hours 8 minutes
2:30 P.M.	to	6:49 P.M.	4 hours 19 min
7:10 P.M.	to	10:13 P.M.	3 hours 3 min
5:21 P.M.	to	9:33 P.M.	4 hours 12 min
8:03 A.M.	to	10:40 A.M.	2 hours 37 min
11:06 A.M.	to	12:52 P.M.	1 hour 46 min
9:39 A.M.	to	11:17 A.M.	1 hour 38 min
7:50 A.M.	to	11:43 A.M.	3 hours 53 min
6:15 A.M.	to	7:34 A.M.	1 hour 19 min
4:44 P.M.	to	6:26 P.M.	1 hour 42 min

Diamond Math Problems

Name: _____ Date: _____



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)	$\begin{array}{c} \diagup \quad 9 \quad \diagdown \\ \diagdown \quad 10 \quad \diagup \end{array}$	(2)	$\begin{array}{c} \diagup \quad 27 \quad \diagdown \\ \diagdown \quad 12 \quad \diagup \end{array}$	(3)	$\begin{array}{c} \diagup \quad 32 \quad \diagdown \\ \diagdown \quad 12 \quad \diagup \end{array}$	(4)	$\begin{array}{c} \diagup \quad 70 \quad \diagdown \\ \diagdown \quad 17 \quad \diagup \end{array}$
(5)	$\begin{array}{c} \diagup \quad 110 \quad \diagdown \\ \diagdown \quad 21 \quad \diagup \end{array}$	(6)	$\begin{array}{c} \diagup \quad 80 \quad \diagdown \\ \diagdown \quad 18 \quad \diagup \end{array}$	(7)	$\begin{array}{c} \diagup \quad 45 \quad \diagdown \\ \diagdown \quad 14 \quad \diagup \end{array}$	(8)	$\begin{array}{c} \diagup \quad 48 \quad \diagdown \\ \diagdown \quad 16 \quad \diagup \end{array}$
(9)	$\begin{array}{c} \diagup \quad 90 \quad \diagdown \\ \diagdown \quad 19 \quad \diagup \end{array}$	(10)	$\begin{array}{c} \diagup \quad 60 \quad \diagdown \\ \diagdown \quad 16 \quad \diagup \end{array}$	(11)	$\begin{array}{c} \diagup \quad 6 \quad \diagdown \\ \diagdown \quad 7 \quad \diagup \end{array}$	(12)	$\begin{array}{c} \diagup \quad 88 \quad \diagdown \\ \diagdown \quad 19 \quad \diagup \end{array}$
(13)	$\begin{array}{c} \diagup \quad 18 \quad \diagdown \\ \diagdown \quad 11 \quad \diagup \end{array}$	(14)	$\begin{array}{c} \diagup \quad 42 \quad \diagdown \\ \diagdown \quad 13 \quad \diagup \end{array}$	(15)	$\begin{array}{c} \diagup \quad 24 \quad \diagdown \\ \diagdown \quad 10 \quad \diagup \end{array}$	(16)	$\begin{array}{c} \diagup \quad 55 \quad \diagdown \\ \diagdown \quad 16 \quad \diagup \end{array}$
(17)	$\begin{array}{c} \diagup \quad 18 \quad \diagdown \\ \diagdown \quad 11 \quad \diagup \end{array}$	(18)	$\begin{array}{c} \diagup \quad 54 \quad \diagdown \\ \diagdown \quad 15 \quad \diagup \end{array}$	(19)	$\begin{array}{c} \diagup \quad 15 \quad \diagdown \\ \diagdown \quad 8 \quad \diagup \end{array}$	(20)	$\begin{array}{c} \diagup \quad 50 \quad \diagdown \\ \diagdown \quad 15 \quad \diagup \end{array}$
(21)	$\begin{array}{c} \diagup \quad 30 \quad \diagdown \\ \diagdown \quad 13 \quad \diagup \end{array}$	(22)	$\begin{array}{c} \diagup \quad 70 \quad \diagdown \\ \diagdown \quad 17 \quad \diagup \end{array}$	(23)	$\begin{array}{c} \diagup \quad 32 \quad \diagdown \\ \diagdown \quad 12 \quad \diagup \end{array}$	(24)	$\begin{array}{c} \diagup \quad 4 \quad \diagdown \\ \diagdown \quad 5 \quad \diagup \end{array}$
(25)	$\begin{array}{c} \diagup \quad 33 \quad \diagdown \\ \diagdown \quad 14 \quad \diagup \end{array}$	(26)	$\begin{array}{c} \diagup \quad 11 \quad \diagdown \\ \diagdown \quad 12 \quad \diagup \end{array}$	(27)	$\begin{array}{c} \diagup \quad 99 \quad \diagdown \\ \diagdown \quad 20 \quad \diagup \end{array}$	(28)	$\begin{array}{c} \diagup \quad 27 \quad \diagdown \\ \diagdown \quad 12 \quad \diagup \end{array}$

Why Did The Mama Flea Look So Sad?

Do each exercise mentally and find your answer in the corresponding set of answer boxes. Write the letter of the exercise in the box containing the answer.

(L) $280 \div 4$	(R) $7 \overline{)5,600}$	(E) $2,400 \div 4$	(W) $3 \overline{)2,700}$														
(K) $6,300 \div 9$	(L) $5 \overline{)400}$	(S) $540 \div 6$	(D) $7 \overline{)420}$														
(E) $180 \div 6$		(I) $36,000 \div 9$															
(A) $24,000 \div 8$	(H) $8 \overline{)64,000}$	(E) $30,000 \div 5$	(R) $2 \overline{)800}$														
3,000	80	70	7,000	8,000	30	800	300	700	4,000	60	90	40	900	600	400	6,000	9,000
(I) $15,000 \div 3$	(T) $5 \overline{)10,000}$	(H) $81,000 \div 9$	(T) $4 \overline{)360}$														
(O) $4,000 \div 8$	(G) $4 \overline{)200}$	(O) $240 \div 6$	(D) $3 \overline{)90}$														
(N) $1,400 \div 7$		(S) $20 \div 5$															
(G) $1,400 \div 2$	(O) $3 \overline{)60}$	(E) $2,100 \div 7$	(G) $8 \overline{)32,000}$														
7,000	700	20	5,000	200	50	10	2,000	500	900	90	9,000	300	3,000	30	40	4,000	4



Name: _____

Elapsed Time: to the minute

How much time has passed?

Write the elapsed time.



Start

End

Elapsed Time

4:26 P.M. to 8:32 P.M. ____hour(s) ____minutes

12:43 P.M. to 2:51 P.M. ____hour(s) ____minutes

2:30 P.M. to 6:49 P.M. ____hour(s) ____minutes

7:10 P.M. to 10:13 P.M. ____hour(s) ____minutes

5:21 P.M. to 9:33 P.M. ____hour(s) ____minutes

8:03 A.M. to 10:40 A.M. ____hour(s) ____minutes

11:06 A.M. to 12:52 P.M. ____hour(s) ____minutes

9:39 A.M. to 11:17 A.M. ____hour(s) ____minutes

7:50 A.M. to 11:43 A.M. ____hour(s) ____minutes

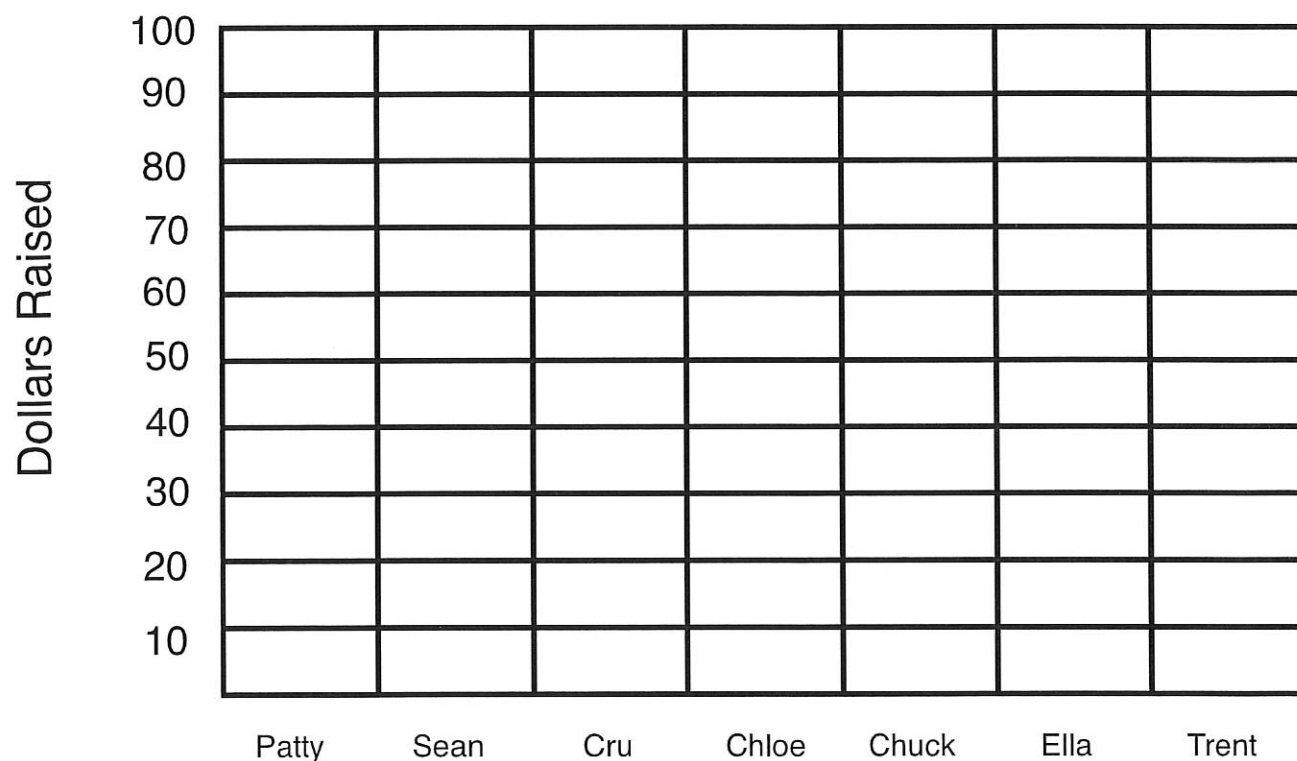
6:15 A.M. to 7:34 A.M. ____hour(s) ____minutes

4:44 P.M. to 6:26 P.M. ____hour(s) ____minutes

Name: _____

Graphing Money

Directions: Complete the bar graph to show the total amount of money each student collected for the week.



	Monday	Tuesday	Wednesday	Thursday	Friday
Ella	\$20.00	\$13.00	\$15.00	\$25.00	\$5.00
Trent	\$11.00	\$14.00	\$23.00	\$20.00	\$19.00
Cru	\$23.00	\$15.00	\$20.00	\$30.00	\$12.00
Sean	\$10.00	\$13.00	\$19.00	\$29.00	\$2.00
Chloe	\$25.00	\$5.00	\$16.00	\$9.00	\$3.00
Chuck	\$19.00	\$2.00	\$7.00	\$13.00	\$0.00
Patty	\$14.00	\$1.00	\$23.00	\$8.00	\$11.00