Summer Math Packet
Fifth Grade
2026-2027

Adding/Subtracting 3-Digit Numbers (A)

Name: _____ Date: _____

Calculate each sum or difference.

501 + 803	538 − 523	918 − 871	163 + 514	279 + 839
534 + 951	107 + 271	691 + 832	821 + 325	520 − 355
539 + 899	995 − 446	820 + 178	597 − 520	804 − 744
831 − 445	929 − 820	889 − 124	667 + 847	967 − 899
985 + 606	457 − 309	595 + 215	966 − 246	348 − 199

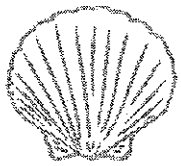
Beachy Word Problems

Name:_____ Date:_____

Solve the word problems. Be sure to show your work.

1. Peter and Prunella were collecting seashells on the beach. They found 193 sand dollars, 284 mussel shells, and 367 oyster shells. When they got home, they discovered that 54 sand dollars, 106 mussel shells, and 139 oyster shells were broken. How many of the shells were unbroken?

2. Prunella gathered 5 baskets of shells. Each basket contained 50 shells. She gave 48 shells to Peter, 19 shells to her mother, and 72 shells to her cousin, Petunia. How many shells did Prunella have left?

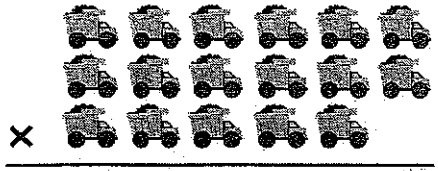


3. Last week, Peter found 241 sand dollars, 106 sea snail shells, and 82 mini conch shells. This week, he found 165 sand dollars, 319 sea snail shells, and 24 mini conch shells. During which week did Peter find more shells? How many more?

4. On Saturday morning, Peter and Prunella arrived at the annual beach clean up event at 9:00. They spent 53 minutes picking up trash and 27 minutes raking sand. If the event ends at 10:30, how many minutes do they have left to make signs that read "keep our beach clean"?

Multiply Two and Three-Digit Factors

Name:_____ Date:_____



$$\begin{array}{r} 324 \\ \times \\ \hline 5508 \end{array}$$

Multiply, regroup if needed.

Example:

$$\begin{array}{r} 324 \\ \times\ 17 \\ \hline 2268 \\ +\ 3240 \\ \hline 5508 \end{array}$$

A

118 × 24	97 × 45	32 × 61	13 × 50

B

519 × 23	678 × 12	403 × 39	981 × 42

C

704 × 32	592 × 244	863 × 305	199 × 671

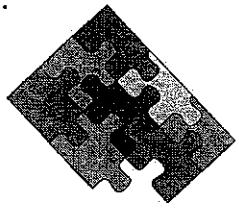
Division Riddle

Name:_____ Date:_____

Solve each division problem. Then use the remainders for each problem to solve the riddle.

Hint: You will not use all the letters to solve the riddle.

What goes up and doesn't go back down?



Example:

$$3\overline{)512} \quad 170\ r2$$
$$-3$$
$$21$$
$$-21$$
$$02$$

G $7\overline{)410}$	B $8\overline{)839}$	R $3\overline{)1551}$
O $5\overline{)671}$	Y $6\overline{)3299}$	U $9\overline{)258}$
N $9\overline{)341}$	E $8\overline{)594}$	A $4\overline{)1239}$

What goes up and doesn't go back down?

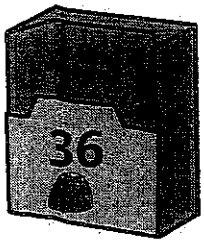
___	___	___	___	___	___	___
5	1	6	0	3	4	2

Sugar Coated Fractions

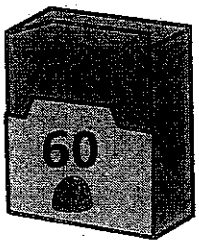
Name:_____ Date:_____

Fractions are everywhere, even in candy! Write a fraction that shows the ratio of colored candy for each problem, then simplify the fraction. Be sure to show your work.

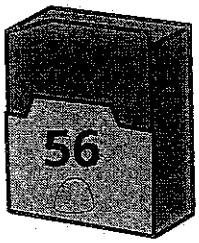
Gumdrops



12 red gumdrops



15 blue gumdrops



24 yellow gumdrops

Example: $\frac{\text{red gumdrops}}{\text{total number gumdrops}} = \frac{12}{36} \div \frac{12}{12} = \frac{1}{3}$

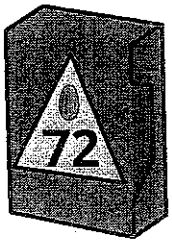
Divide by a common factor to simplify

_____ _____

Sour Chews

7 green sour chews

8 purple sour chews



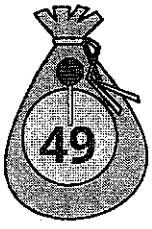
18 pink sour chews

16 orange sour chews

_____ _____ _____ _____

Lollipops

13 yellow lollipops



21 red lollipops

10 green lollipops

26 purple lollipops

_____ _____ _____ _____

Activity: With your own favorite colorful candy, find the fractions of each color in the bag.

Equivalent Fractions (A)

Name: _____ Date: _____ Score: _____

Fill in each blank with a number that makes each pair of fractions equivalent.

1) $\frac{5}{11} = \frac{10}{\square}$

2) $\frac{1}{\square} = \frac{3}{6}$

3) $\frac{1}{\square} = \frac{5}{40}$

4) $\frac{9}{\square} = \frac{27}{33}$

5) $\frac{\square}{9} = \frac{15}{27}$

6) $\frac{3}{4} = \frac{6}{\square}$

7) $\frac{2}{7} = \frac{4}{\square}$

8) $\frac{9}{10} = \frac{\square}{30}$

9) $\frac{\square}{7} = \frac{3}{21}$

10) $\frac{\square}{11} = \frac{14}{22}$

11) $\frac{3}{\square} = \frac{6}{22}$

12) $\frac{2}{5} = \frac{10}{\square}$

13) $\frac{7}{\square} = \frac{21}{36}$

14) $\frac{7}{8} = \frac{14}{\square}$

15) $\frac{\square}{5} = \frac{2}{10}$

16) $\frac{\square}{10} = \frac{3}{30}$

17) $\frac{\square}{7} = \frac{12}{21}$

18) $\frac{\square}{4} = \frac{5}{20}$

19) $\frac{4}{5} = \frac{20}{\square}$

20) $\frac{3}{7} = \frac{6}{\square}$

21) $\frac{2}{\square} = \frac{6}{9}$

22) $\frac{6}{\square} = \frac{24}{28}$

23) $\frac{8}{9} = \frac{16}{\square}$

24) $\frac{3}{\square} = \frac{15}{40}$

25) $\frac{1}{9} = \frac{4}{\square}$

26) $\frac{3}{5} = \frac{\square}{20}$

27) $\frac{\square}{3} = \frac{5}{15}$

28) $\frac{\square}{12} = \frac{44}{48}$

29) $\frac{3}{10} = \frac{\square}{50}$

30) $\frac{1}{11} = \frac{4}{\square}$

31) $\frac{5}{7} = \frac{15}{\square}$

32) $\frac{\square}{12} = \frac{4}{48}$

33) $\frac{5}{6} = \frac{\square}{30}$

34) $\frac{1}{6} = \frac{\square}{30}$

35) $\frac{7}{9} = \frac{35}{\square}$

36) $\frac{7}{\square} = \frac{35}{50}$

37) $\frac{2}{\square} = \frac{10}{45}$

38) $\frac{5}{8} = \frac{20}{\square}$

39) $\frac{\square}{9} = \frac{20}{45}$

40) $\frac{5}{12} = \frac{10}{\square}$

Yards, Feet, and Inches

Name:_____ Date:_____

Complete the table by converting inches, feet and yards.
HINT: 12 inches(in.) is equal to 1 foot(ft.), 3 feet is equal to 1 yard (yd.)

	2 yards	**3 yards**		**5 yards**
3 feet			**12 feet**	
	72 inches		**144 inches**	

Convert the following linear measurements.

1) 1 yard = _____ inches

2) 108 inches = _____ feet

3) 15 feet = _____ yards

4) 8 feet = _____ inches

5) 144 inches = _____ yards

6) 6 yards = _____ feet

7) 108 inches = _____ yards

8) 10 yards = _____ feet

9) 60 feet = _____ yards

10) 10 feet = _____ inches

11) 7 yards = _____ feet

12) 96 inches = _____ feet

Use the conversion table to solve the word problems.

13) Joey is trying out for the football team at school. He tells the coach that he can throw a ball 36 feet, but his coach reminds Joey that the field is measured in yards. How many yards can Joey throw the ball?

14) Marianne is rearranging her room. Each wall in her room is 12 feet long. Her desk measures 36 inches, her bed is 72 inches, and her bookshelf is 24 inches. If she places them all along the same wall, how much of the wall will remain uncovered, in feet?

*Bonus Activity: Use a measuring tape or yardstick to measure things around your house. Can you find anything that is longer than 3 yards?