

THIRD
GRADE
SUMMER
MATH
PACKET

Bonus Facts

Math 3 (for use with Lesson 100, Part 2)

$$\begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -4 \\ \hline \end{array} \quad 10$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -9 \\ \hline \end{array} \quad 20$$

$$\begin{array}{r} 3 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array} \quad 30$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -9 \\ \hline \end{array} \quad 40$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad 50$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad 60$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline \end{array} \quad 70$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array} \quad 80$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad 90$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad 100$$

Name _____

Minutes					
1	2	3	4	5	6

Score

A $\begin{array}{r} 8 \\ \times 0 \end{array}$ $\begin{array}{r} 5 \\ \times 2 \end{array}$ $\begin{array}{r} 0 \\ \times 4 \end{array}$ $\begin{array}{r} 9 \\ \times 2 \end{array}$ $\begin{array}{r} 4 \\ \times 5 \end{array}$ $\begin{array}{r} 2 \\ \times 7 \end{array}$ $\begin{array}{r} 7 \\ \times 6 \end{array}$ $\begin{array}{r} 3 \\ \times 6 \end{array}$ $\begin{array}{r} 6 \\ \times 7 \end{array}$ $\begin{array}{r} 1 \\ \times 1 \end{array}$

B $\begin{array}{r} 5 \\ \times 8 \end{array}$ $\begin{array}{r} 2 \\ \times 3 \end{array}$ $\begin{array}{r} 6 \\ \times 4 \end{array}$ $\begin{array}{r} 4 \\ \times 2 \end{array}$ $\begin{array}{r} 9 \\ \times 7 \end{array}$ $\begin{array}{r} 0 \\ \times 9 \end{array}$ $\begin{array}{r} 3 \\ \times 1 \end{array}$ $\begin{array}{r} 7 \\ \times 3 \end{array}$ $\begin{array}{r} 1 \\ \times 6 \end{array}$ $\begin{array}{r} 8 \\ \times 4 \end{array}$

C $\begin{array}{r} 7 \\ \times 5 \end{array}$ $\begin{array}{r} 9 \\ \times 1 \end{array}$ $\begin{array}{r} 1 \\ \times 4 \end{array}$ $\begin{array}{r} 6 \\ \times 1 \end{array}$ $\begin{array}{r} 2 \\ \times 0 \end{array}$ $\begin{array}{r} 5 \\ \times 3 \end{array}$ $\begin{array}{r} 9 \\ \times 9 \end{array}$ $\begin{array}{r} 4 \\ \times 3 \end{array}$ $\begin{array}{r} 9 \\ \times 5 \end{array}$ $\begin{array}{r} 0 \\ \times 3 \end{array}$

D $\begin{array}{r} 2 \\ \times 8 \end{array}$ $\begin{array}{r} 6 \\ \times 6 \end{array}$ $\begin{array}{r} 4 \\ \times 7 \end{array}$ $\begin{array}{r} 0 \\ \times 1 \end{array}$ $\begin{array}{r} 7 \\ \times 9 \end{array}$ $\begin{array}{r} 3 \\ \times 3 \end{array}$ $\begin{array}{r} 5 \\ \times 5 \end{array}$ $\begin{array}{r} 1 \\ \times 2 \end{array}$ $\begin{array}{r} 4 \\ \times 0 \end{array}$ $\begin{array}{r} 8 \\ \times 1 \end{array}$

E $\begin{array}{r} 0 \\ \times 6 \end{array}$ $\begin{array}{r} 8 \\ \times 8 \end{array}$ $\begin{array}{r} 3 \\ \times 5 \end{array}$ $\begin{array}{r} 8 \\ \times 3 \end{array}$ $\begin{array}{r} 2 \\ \times 2 \end{array}$ $\begin{array}{r} 5 \\ \times 1 \end{array}$ $\begin{array}{r} 1 \\ \times 7 \end{array}$ $\begin{array}{r} 4 \\ \times 8 \end{array}$ $\begin{array}{r} 7 \\ \times 0 \end{array}$ $\begin{array}{r} 3 \\ \times 9 \end{array}$

F $\begin{array}{r} 7 \\ \times 1 \end{array}$ $\begin{array}{r} 2 \\ \times 6 \end{array}$ $\begin{array}{r} 8 \\ \times 5 \end{array}$ $\begin{array}{r} 1 \\ \times 3 \end{array}$ $\begin{array}{r} 6 \\ \times 0 \end{array}$ $\begin{array}{r} 3 \\ \times 2 \end{array}$ $\begin{array}{r} 5 \\ \times 7 \end{array}$ $\begin{array}{r} 0 \\ \times 8 \end{array}$ $\begin{array}{r} 6 \\ \times 3 \end{array}$ $\begin{array}{r} 2 \\ \times 4 \end{array}$

G $\begin{array}{r} 2 \\ \times 9 \end{array}$ $\begin{array}{r} 9 \\ \times 0 \end{array}$ $\begin{array}{r} 0 \\ \times 2 \end{array}$ $\begin{array}{r} 5 \\ \times 4 \end{array}$ $\begin{array}{r} 4 \\ \times 4 \end{array}$ $\begin{array}{r} 7 \\ \times 8 \end{array}$ $\begin{array}{r} 1 \\ \times 0 \end{array}$ $\begin{array}{r} 6 \\ \times 9 \end{array}$ $\begin{array}{r} 3 \\ \times 0 \end{array}$ $\begin{array}{r} 9 \\ \times 4 \end{array}$

H $\begin{array}{r} 8 \\ \times 9 \end{array}$ $\begin{array}{r} 2 \\ \times 1 \end{array}$ $\begin{array}{r} 5 \\ \times 9 \end{array}$ $\begin{array}{r} 7 \\ \times 4 \end{array}$ $\begin{array}{r} 0 \\ \times 5 \end{array}$ $\begin{array}{r} 4 \\ \times 1 \end{array}$ $\begin{array}{r} 3 \\ \times 7 \end{array}$ $\begin{array}{r} 9 \\ \times 8 \end{array}$ $\begin{array}{r} 1 \\ \times 9 \end{array}$ $\begin{array}{r} 8 \\ \times 7 \end{array}$

I $\begin{array}{r} 4 \\ \times 6 \end{array}$ $\begin{array}{r} 9 \\ \times 6 \end{array}$ $\begin{array}{r} 1 \\ \times 8 \end{array}$ $\begin{array}{r} 6 \\ \times 5 \end{array}$ $\begin{array}{r} 3 \\ \times 4 \end{array}$ $\begin{array}{r} 5 \\ \times 0 \end{array}$ $\begin{array}{r} 2 \\ \times 5 \end{array}$ $\begin{array}{r} 8 \\ \times 2 \end{array}$ $\begin{array}{r} 0 \\ \times 0 \end{array}$ $\begin{array}{r} 7 \\ \times 7 \end{array}$

J $\begin{array}{r} 1 \\ \times 5 \end{array}$ $\begin{array}{r} 9 \\ \times 3 \end{array}$ $\begin{array}{r} 6 \\ \times 2 \end{array}$ $\begin{array}{r} 0 \\ \times 7 \end{array}$ $\begin{array}{r} 8 \\ \times 6 \end{array}$ $\begin{array}{r} 5 \\ \times 6 \end{array}$ $\begin{array}{r} 4 \\ \times 9 \end{array}$ $\begin{array}{r} 3 \\ \times 8 \end{array}$ $\begin{array}{r} 7 \\ \times 2 \end{array}$ $\begin{array}{r} 6 \\ \times 8 \end{array}$

Name _____

Minutes

Score

1	2	3	4	5	6
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A	$9 \times 1 =$	$5 \times 8 =$	$2 \times 5 =$	$7 \times 5 =$	$4 \times 7 =$
B	$0 \times 5 =$	$8 \times 0 =$	$8 \times 6 =$	$0 \times 9 =$	$6 \times 3 =$
C	$9 \times 6 =$	$7 \times 4 =$	$7 \times 0 =$	$4 \times 4 =$	$0 \times 3 =$
D	$6 \times 4 =$	$1 \times 7 =$	$3 \times 7 =$	$3 \times 1 =$	$5 \times 3 =$
E	$9 \times 9 =$	$9 \times 3 =$	$0 \times 4 =$	$7 \times 9 =$	$6 \times 0 =$
F	$1 \times 3 =$	$4 \times 8 =$	$5 \times 7 =$	$5 \times 2 =$	$2 \times 1 =$
G	$9 \times 4 =$	$1 \times 0 =$	$7 \times 1 =$	$0 \times 0 =$	$3 \times 6 =$
H	$4 \times 3 =$	$7 \times 8 =$	$2 \times 4 =$	$8 \times 5 =$	$1 \times 2 =$
I	$3 \times 8 =$	$9 \times 8 =$	$5 \times 1 =$	$3 \times 0 =$	$7 \times 3 =$
J	$8 \times 1 =$	$5 \times 6 =$	$2 \times 0 =$	$6 \times 2 =$	$0 \times 8 =$
K	$9 \times 7 =$	$0 \times 1 =$	$6 \times 6 =$	$1 \times 6 =$	$2 \times 9 =$
L	$5 \times 0 =$	$6 \times 9 =$	$3 \times 2 =$	$8 \times 9 =$	$4 \times 0 =$
M	$7 \times 2 =$	$2 \times 6 =$	$0 \times 7 =$	$3 \times 5 =$	$4 \times 6 =$
N	$2 \times 3 =$	$5 \times 9 =$	$4 \times 2 =$	$1 \times 1 =$	$7 \times 7 =$
O	$6 \times 5 =$	$0 \times 6 =$	$5 \times 5 =$	$9 \times 2 =$	$8 \times 2 =$
P	$3 \times 9 =$	$6 \times 1 =$	$1 \times 5 =$	$2 \times 8 =$	$2 \times 2 =$
Q	$1 \times 4 =$	$1 \times 9 =$	$4 \times 9 =$	$0 \times 2 =$	$6 \times 7 =$
R	$8 \times 4 =$	$4 \times 5 =$	$7 \times 6 =$	$9 \times 5 =$	$5 \times 4 =$
S	$8 \times 8 =$	$6 \times 8 =$	$9 \times 0 =$	$3 \times 3 =$	$8 \times 7 =$
T	$3 \times 4 =$	$4 \times 1 =$	$2 \times 7 =$	$8 \times 3 =$	$1 \times 8 =$

Name _____

Score _____

Fact Assessment**26***Saxon Math 3 (for use with Lesson 135)*

Set 26: Multiplying by 11 and by 12

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \text{ ok}$$

$$\begin{array}{r} 11 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array} \text{ 😊}$$

Division Facts: Divisors 0-5
Test 1 ÷

Name _____

Minutes

Score

1	2	3	4	5	6
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A	$5\sqrt{5}$	$3\sqrt{6}$	$3\sqrt{15}$	$1\sqrt{0}$	$2\sqrt{6}$	$1\sqrt{3}$	$4\sqrt{8}$	$2\sqrt{4}$	$2\sqrt{8}$	$4\sqrt{20}$
B	$4\sqrt{20}$	$3\sqrt{12}$	$1\sqrt{2}$	$4\sqrt{4}$	$2\sqrt{10}$	$3\sqrt{6}$	$3\sqrt{3}$	$5\sqrt{25}$	$3\sqrt{15}$	$5\sqrt{20}$
C	$2\sqrt{4}$	$5\sqrt{15}$	$1\sqrt{1}$	$5\sqrt{5}$	$3\sqrt{0}$	$2\sqrt{2}$	$4\sqrt{20}$	$1\sqrt{4}$	$4\sqrt{16}$	$2\sqrt{0}$
D	$3\sqrt{15}$	$1\sqrt{5}$	$4\sqrt{16}$	$5\sqrt{0}$	$1\sqrt{1}$	$3\sqrt{3}$	$2\sqrt{8}$	$2\sqrt{10}$	$1\sqrt{3}$	$4\sqrt{0}$
E	$5\sqrt{20}$	$3\sqrt{0}$	$1\sqrt{2}$	$4\sqrt{12}$	$5\sqrt{10}$	$4\sqrt{16}$	$3\sqrt{9}$	$5\sqrt{25}$	$2\sqrt{8}$	$5\sqrt{15}$
F	$4\sqrt{0}$	$2\sqrt{6}$	$4\sqrt{12}$	$3\sqrt{12}$	$3\sqrt{15}$	$4\sqrt{8}$	$1\sqrt{5}$	$2\sqrt{2}$	$2\sqrt{10}$	$5\sqrt{20}$
G	$5\sqrt{5}$	$4\sqrt{16}$	$5\sqrt{25}$	$3\sqrt{3}$	$1\sqrt{0}$	$1\sqrt{2}$	$3\sqrt{9}$	$1\sqrt{3}$	$4\sqrt{0}$	$5\sqrt{15}$
H	$3\sqrt{12}$	$2\sqrt{0}$	$1\sqrt{5}$	$3\sqrt{3}$	$5\sqrt{25}$	$1\sqrt{4}$	$4\sqrt{8}$	$3\sqrt{9}$	$5\sqrt{10}$	$2\sqrt{8}$
I	$3\sqrt{12}$	$5\sqrt{5}$	$2\sqrt{6}$	$2\sqrt{4}$	$4\sqrt{4}$	$3\sqrt{6}$	$5\sqrt{0}$	$2\sqrt{2}$	$5\sqrt{15}$	$2\sqrt{10}$
J	$4\sqrt{4}$	$1\sqrt{1}$	$3\sqrt{9}$	$4\sqrt{12}$	$2\sqrt{4}$	$1\sqrt{4}$	$4\sqrt{8}$	$3\sqrt{0}$	$5\sqrt{10}$	$2\sqrt{0}$

Name _____

Score: _____

D1-100

$6 \div 3 =$

$20 \div 5 =$

$9 \div 9 =$

$12 \div 4 =$

$10 \div 2 =$

$40 \div 8 =$

$1 \div 1 =$

$36 \div 6 =$

$63 \div 7 =$

$16 \div 4 =$

$35 \div 5 =$

$6 \div 1 =$

$18 \div 3 =$

$21 \div 7 =$

$81 \div 9 =$

$6 \div 2 =$

$16 \div 8 =$

$20 \div 4 =$

$7 \div 1 =$

$54 \div 6 =$

$6 \div 6 =$

$40 \div 5 =$

$9 \div 1 =$

$0 \div 8 =$

$27 \div 3 =$

$64 \div 8 =$

$14 \div 7 =$

$8 \div 2 =$

$0 \div 4 =$

$27 \div 9 =$

$24 \div 8 =$

$15 \div 3 =$

$16 \div 2 =$

$45 \div 9 =$

$18 \div 6 =$

$2 \div 1 =$

$25 \div 5 =$

$12 \div 3 =$

$16 \div 4 =$

$56 \div 7 =$

$25 \div 5 =$

$16 \div 2 =$

$7 \div 7 =$

$32 \div 4 =$

$72 \div 8 =$

$4 \div 2 =$

$30 \div 6 =$

$12 \div 3 =$

$18 \div 9 =$

$6 \div 6 =$

$5 \div 1 =$

$8 \div 8 =$

$36 \div 4 =$

$0 \div 2 =$

$54 \div 9 =$

$35 \div 7 =$

$9 \div 3 =$

$5 \div 5 =$

$12 \div 6 =$

$24 \div 3 =$

$24 \div 6 =$

$7 \div 1 =$

$30 \div 5 =$

$21 \div 3 =$

$6 \div 6 =$

$14 \div 2 =$

$72 \div 9 =$

$8 \div 4 =$

$0 \div 7 =$

$48 \div 8 =$

$63 \div 9 =$

$3 \div 3 =$

$28 \div 7 =$

$3 \div 1 =$

$42 \div 6 =$

$4 \div 4 =$

$32 \div 8 =$

$2 \div 2 =$

$36 \div 9 =$

$0 \div 5 =$

$12 \div 2 =$

$42 \div 7 =$

$10 \div 5 =$

$24 \div 4 =$

$8 \div 1 =$

$49 \div 7 =$

$9 \div 3 =$

$0 \div 9 =$

$12 \div 6 =$

$56 \div 8 =$

$28 \div 4 =$

$24 \div 8 =$

$0 \div 3 =$

$48 \div 6 =$

$10 \div 2 =$

$18 \div 9 =$

$4 \div 1 =$

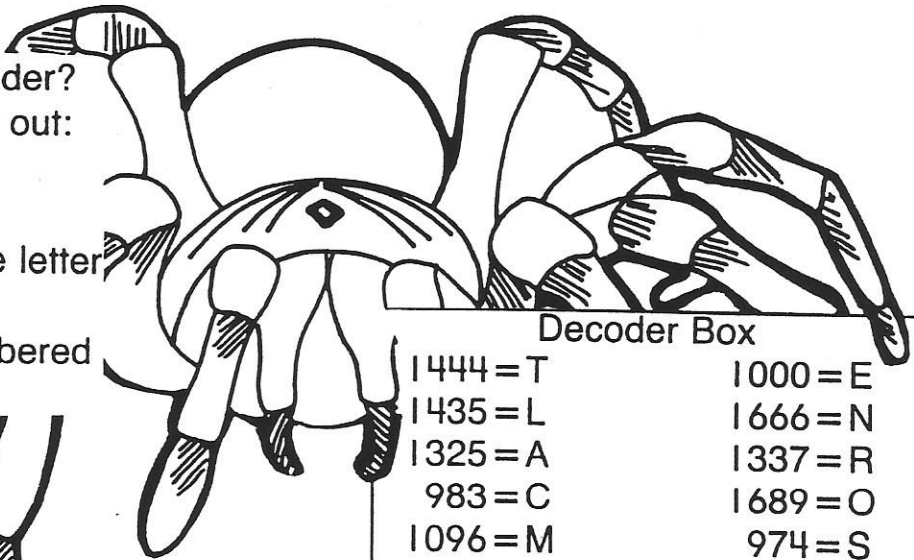
$25 \div 5 =$

$48 \div 8 =$

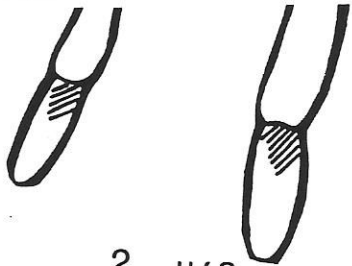
$21 \div 7 =$

Super Spider

What is the world's largest spider?
Follow these directions to find out:



1. Find each sum.
2. Use the decoder to find the letter that goes with each sum.
3. Write that letter in the numbered space below.



Decoder Box	
1444 = T	1000 = E
1435 = L	1666 = N
1325 = A	1337 = R
983 = C	1689 = O
1096 = M	974 = S
2245 = I	1258 = H
1162 = U	

1.
$$\begin{array}{r} 635 \\ 274 \\ + 253 \\ \hline 1162 \end{array}$$

2.
$$\begin{array}{r} 468 \\ 396 \\ + 473 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 539 \\ 163 \\ + 281 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 568 \\ 493 \\ + 605 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 709 \\ 444 \\ + 105 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 108 \\ 575 \\ + 413 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 148 \\ 716 \\ + 825 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 722 \\ 269 \\ + 444 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 701 \\ 109 \\ + 164 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 830 \\ 642 \\ + 773 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 328 \\ 210 \\ + 462 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 270 \\ 864 \\ + 191 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 406 \\ 515 \\ + 523 \\ \hline \end{array}$$

_____ U _____
 9 7 1 13 5 12 6 11 2 10 3 12 4

_____ U _____
 13 12 2 12 4 13 1 8 12

Bonus Box: The bolas spider has an unusual way of catching its prey. Find out this method. Write an interview with a bolas spider.



Name _____

Round and Round She Goes

When regrouping with zeros, follow these steps:

1. 7 is larger than 0. Go to the tens column to regroup. Since there is a 0 in that column, you can't regroup. Go to the hundreds column.

$$\begin{array}{r} 2 \\ \cancel{3}00 \\ - 147 \\ \hline \end{array}$$

2. Take one hundred away. Move it to the tens column.

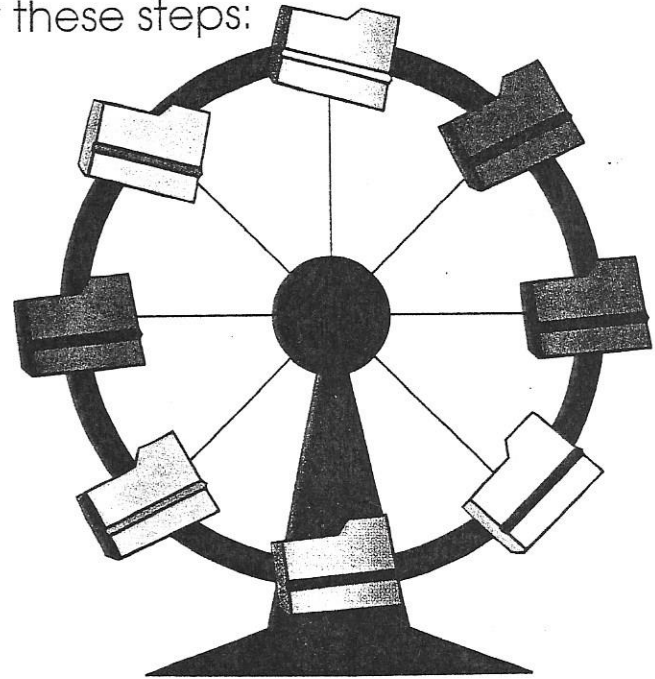
$$\begin{array}{r} 2 \\ \cancel{3}00 \\ - 147 \\ \hline \end{array}$$

3. Regroup the tens column by subtracting one ten and adding that ten to the ones column.

$$\begin{array}{r} 2 \quad 9 \\ \cancel{3}\cancel{0}0 \\ - 147 \\ \hline \end{array}$$

4. Now, subtract, starting at the ones column.

$$\begin{array}{r} 2 \quad 9 \\ \cancel{3}\cancel{0}0 \\ - 147 \\ \hline 153 \end{array}$$



Directions: Solve these problems.

$$\begin{array}{r} 800 \\ - 736 \\ \hline \end{array}$$

$$\begin{array}{r} 406 \\ - 243 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 623 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ - 543 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 746 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 278 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 432 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 824 \\ \hline \end{array}$$

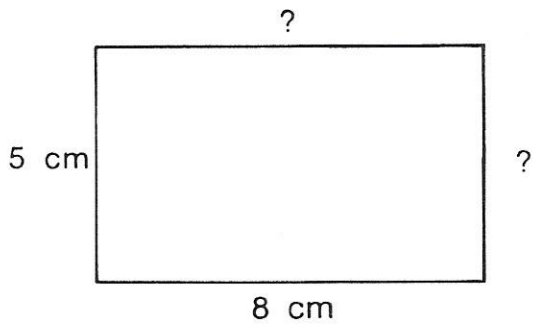
$$\begin{array}{r} 500 \\ - 248 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 365 \\ \hline \end{array}$$

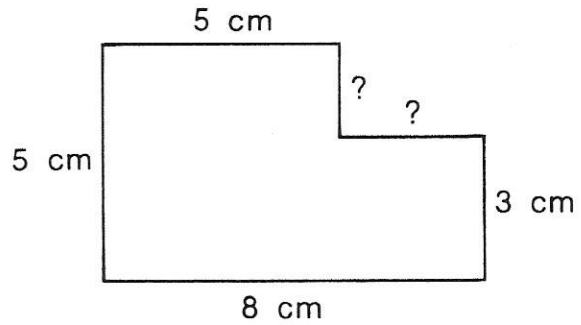
$$\begin{array}{r} 300 \\ - 284 \\ \hline \end{array}$$

Enrichment Worksheet for 246–247

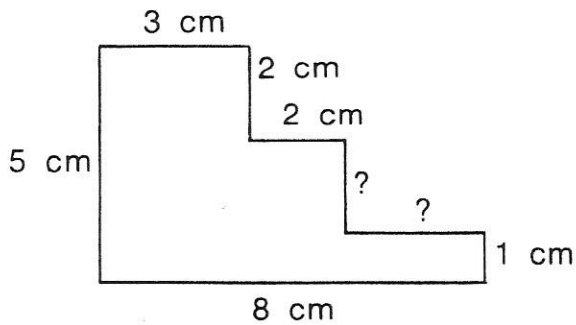
Pieces have been taken out of the rectangles below.
 The lengths of some sides are not given.
 Find the perimeter of each shape.



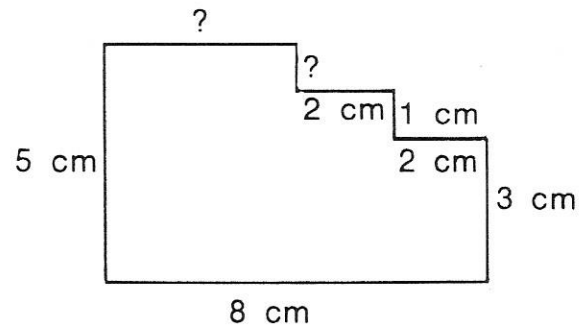
perimeter = 26 cm



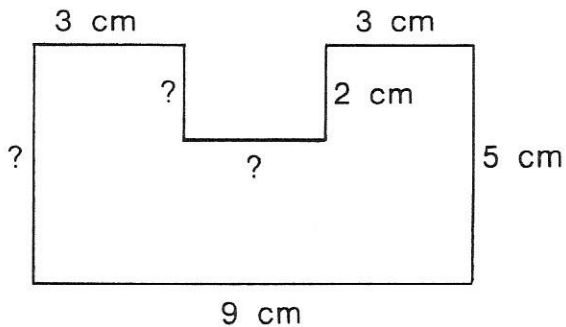
perimeter = _____



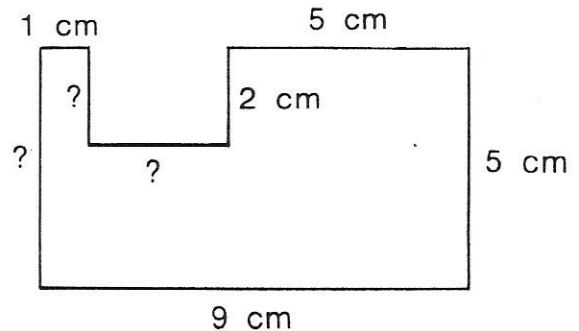
perimeter = _____



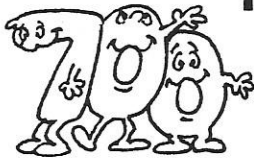
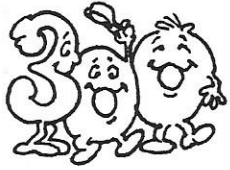
perimeter = _____



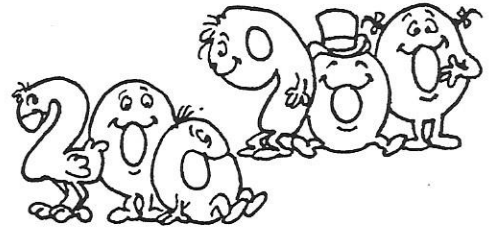
perimeter = _____



perimeter = _____



Happy Hundreds



Multiply.

A. $4 \times 1 = \underline{\quad}$

$4 \times 10 = \underline{\quad}$

$4 \times 100 = \underline{\quad}$

B. $7 \times 3 = \underline{\quad}$

$7 \times 30 = \underline{\quad}$

$7 \times 300 = \underline{\quad}$

C. $9 \times 9 = \underline{\quad}$

$9 \times 90 = \underline{\quad}$

$9 \times 900 = \underline{\quad}$

D. $5 \times 6 = \underline{\quad}$

$50 \times 6 = \underline{\quad}$

$500 \times 6 = \underline{\quad}$

E. $8 \times 7 = \underline{\quad}$

$8 \times 70 = \underline{\quad}$

$800 \times 7 = \underline{\quad}$

G. $8 \times 8 = \underline{\quad}$

$80 \times 8 = \underline{\quad}$

$800 \times 8 = \underline{\quad}$

H. $4 \times 5 = \underline{\quad}$

$4 \times 50 = \underline{\quad}$

$4 \times 500 = \underline{\quad}$

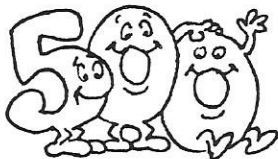
F. $6 \times 2 = \underline{\quad}$

$60 \times 2 = \underline{\quad}$

$6 \times 200 = \underline{\quad}$



Solve each problem.

I. $\begin{array}{r} 800 \\ \times 6 \\ \hline \end{array}$	J. $\begin{array}{r} 900 \\ \times 4 \\ \hline \end{array}$	K. $\begin{array}{r} 500 \\ \times 5 \\ \hline \end{array}$	L. $\begin{array}{r} 300 \\ \times 8 \\ \hline \end{array}$	M. $\begin{array}{r} 700 \\ \times 2 \\ \hline \end{array}$	N. $\begin{array}{r} 400 \\ \times 6 \\ \hline \end{array}$
O. $\begin{array}{r} 200 \\ \times 2 \\ \hline \end{array}$	P. $\begin{array}{r} 400 \\ \times 8 \\ \hline \end{array}$	Q. $\begin{array}{r} 600 \\ \times 7 \\ \hline \end{array}$	R. $\begin{array}{r} 900 \\ \times 0 \\ \hline \end{array}$	S. $\begin{array}{r} 300 \\ \times 6 \\ \hline \end{array}$	T. $\begin{array}{r} 400 \\ \times 2 \\ \hline \end{array}$
U. $\begin{array}{r} 100 \\ \times 7 \\ \hline \end{array}$	V. $\begin{array}{r} 200 \\ \times 5 \\ \hline \end{array}$	W. $\begin{array}{r} 600 \\ \times 9 \\ \hline \end{array}$	X. $\begin{array}{r} 300 \\ \times 3 \\ \hline \end{array}$	 <p>Score _____ 40</p>	

Brainwork! Study the pattern above. Then solve these problems.

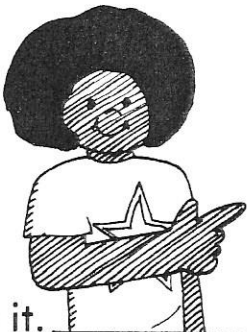
$7 \times 3,000 = \underline{\quad}$

$9,000 \times 8 = \underline{\quad}$

$2 \times 60,000 = \underline{\quad}$

3 DIGIT BY 1 DIGIT MULTIPLICATION

Begin to multiply in the one's place.



$$\begin{array}{r} 1 \\ 243 \\ \times 3 \\ \hline 729 \end{array}$$

$3 \times 3 = 9$

$3 \times 4 = 12$

Put down the 2 and carry the 1.

$3 \times 2 = 6 + 1 = 7$

Try it.

1. $\begin{array}{r} 843 \\ \times 6 \\ \hline \end{array}$

2. $\begin{array}{r} 532 \\ \times 4 \\ \hline \end{array}$

3. $\begin{array}{r} 618 \\ \times 3 \\ \hline \end{array}$

4. $\begin{array}{r} 729 \\ \times 5 \\ \hline \end{array}$

5. $\begin{array}{r} 348 \\ \times 4 \\ \hline \end{array}$

6. $\begin{array}{r} 642 \\ \times 3 \\ \hline \end{array}$

7. $\begin{array}{r} 926 \\ \times 2 \\ \hline \end{array}$

8. $\begin{array}{r} 716 \\ \times 6 \\ \hline \end{array}$

9. $\begin{array}{r} 735 \\ \times 2 \\ \hline \end{array}$

10. $\begin{array}{r} 487 \\ \times 6 \\ \hline \end{array}$

11. $\begin{array}{r} 426 \\ \times 4 \\ \hline \end{array}$

12. $\begin{array}{r} 921 \\ \times 3 \\ \hline \end{array}$

13. $\begin{array}{r} 507 \\ \times 8 \\ \hline \end{array}$

14. $\begin{array}{r} 342 \\ \times 5 \\ \hline \end{array}$

15. $\begin{array}{r} 138 \\ \times 6 \\ \hline \end{array}$

16. $\begin{array}{r} 329 \\ \times 5 \\ \hline \end{array}$

17. $\begin{array}{r} 347 \\ \times 5 \\ \hline \end{array}$

18. $\begin{array}{r} 603 \\ \times 9 \\ \hline \end{array}$

19. $\begin{array}{r} 423 \\ \times 2 \\ \hline \end{array}$

20. $\begin{array}{r} 286 \\ \times 8 \\ \hline \end{array}$

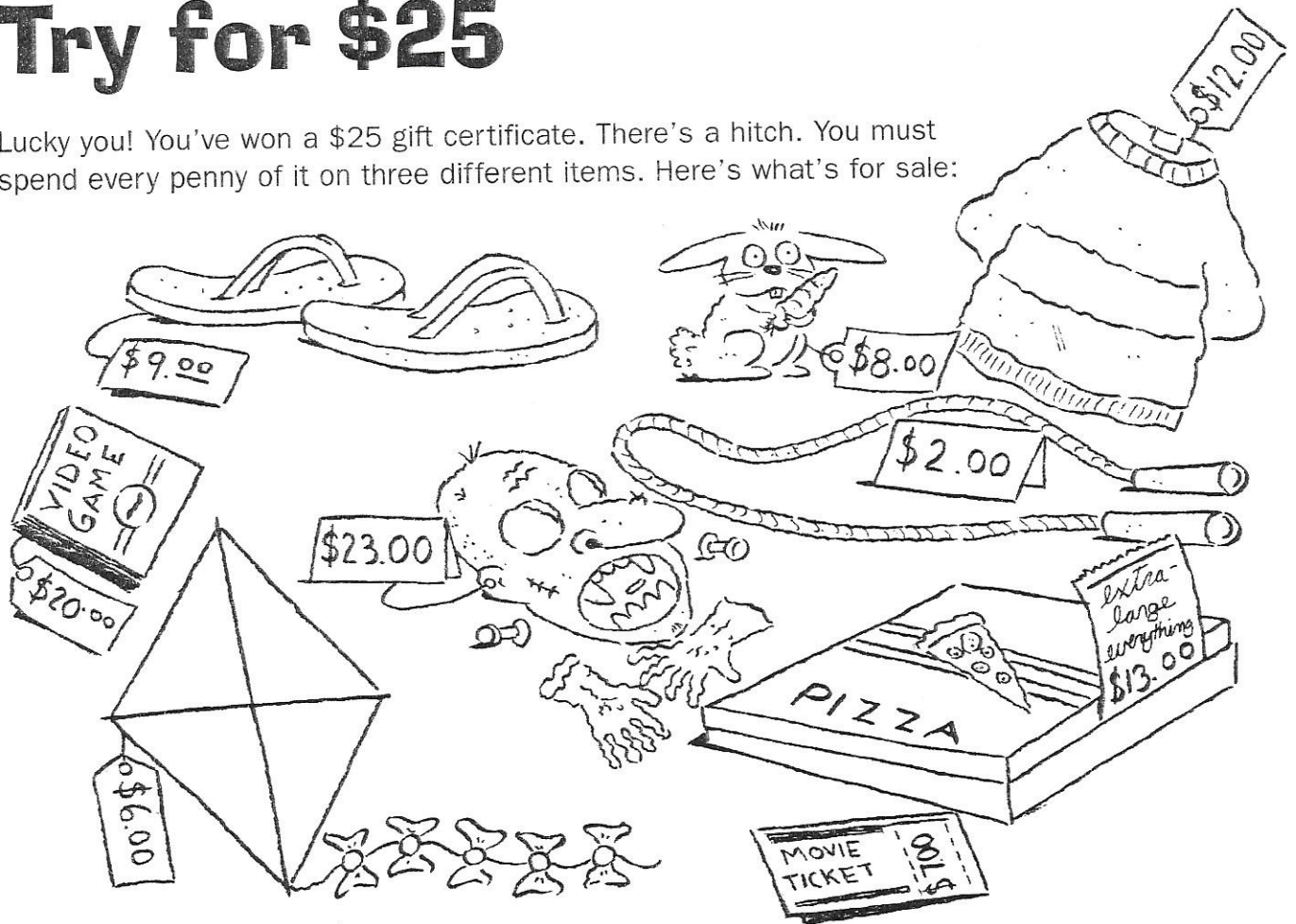
Name _____

Date _____



Try for \$25

Lucky you! You've won a \$25 gift certificate. There's a hitch. You must spend every penny of it on three different items. Here's what's for sale:



List three items you can buy.

1. _____
2. _____
3. _____

THINK ABOUT IT!

- ☐ Which numbers can you eliminate (rule out) right away?
- ☐ Can you buy four items worth exactly \$25? List them below.

1. _____
2. _____
3. _____
4. _____

Name _____

Date _____

More Number Riddles



Read all of the clues carefully.
Then answer the questions.

1. I'm a two-digit number between 30 and 40. My two digits add up to 6. What number am I? _____
2. I'm a three-digit number. My ones digit is 2. My hundreds digit is 7. My tens digit is the difference between my hundreds digit and my ones digit. What number am I? _____
3. When you add me to 17, the sum is 26. When you multiply me by 4, the product is 36. What number am I? _____
4. I am greater than the sum of $37 + 8$ and less than the product of 6×8 . I'm definitely odd. What number am I? _____
5. I'm a three-digit number and my digits are all the same. The sum of my digits is 24. What number am I? _____
6. When you subtract me from 44, my difference is 20. When you double me, the result is 48. What number am I? _____
7. I'm a number between 55 and 65. The sum of my digits is 7. What number am I? _____
8. I'm an even number between 450 and 500. My ones digit is 2. My tens digit is 4 times my ones digit. What number am I? _____

Bonus! One of my factors is 6. The other is of $\frac{1}{3}$ that.
What number am I? _____

Name _____

Date _____

Meet the Slammers

Here is a picture of the Slammers, the best baseball team in the South Lakes junior league. This year, they won all but one of their games. Use the picture to answer these questions.



1. What fraction of the Slammers are wearing shirts with short sleeves?

2. What fraction of the Slammers are wearing glasses? _____
3. What fraction of the Slammers are standing? _____
4. What fraction of the Slammers are girls? _____
5. What fraction of the Slammers are boys? _____
6. What fraction of the girls have curly hair? _____
7. What fraction of the boys are wearing baseball caps. _____
8. What fraction of the boys who are wearing baseball caps are holding baseball bats? _____

Bonus! One-third of the Slammers have pet dogs at home. How many Slammers is that? _____

WHAT'S IN A REMAINDER?



Follow the division steps.

You will have a remainder when the divisor is bigger than the new dividend and cannot be divided by it.

$$\begin{array}{r} 9 \text{ R. } 7 \\ 9 \overline{) 88} \\ \underline{-81} \\ 7 \end{array}$$

9 is bigger than the 7. Therefore, you cannot work the problem any more. 7 is the remainder. Use an R. to show remainder.

$$\begin{array}{r} \text{Check} \\ 9 \\ \times 9 \\ \hline 81 \\ + 7 \text{ Remainder} \\ \hline 88 \end{array}$$

1. $6 \overline{) 45}$
2. $8 \overline{) 44}$
3. $4 \overline{) 26}$
4. $9 \overline{) 37}$
5. $5 \overline{) 23}$
6. $7 \overline{) 45}$
7. $2 \overline{) 15}$
8. $7 \overline{) 57}$
9. $6 \overline{) 15}$
10. $9 \overline{) 74}$
11. $7 \overline{) 30}$
12. $2 \overline{) 19}$
13. $7 \overline{) 65}$
14. $9 \overline{) 20}$
15. $3 \overline{) 20}$
16. $6 \overline{) 32}$

3 DIGIT DIVIDEND

Use what you know about division to work the following problems.

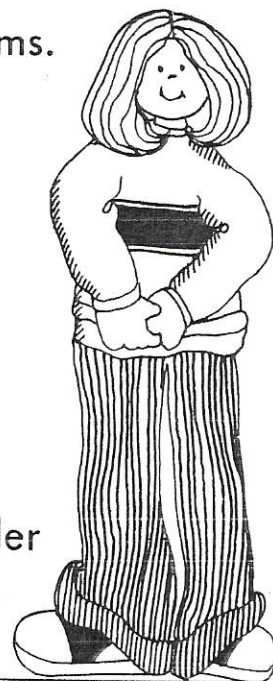


The 8 goes over the 5 because you are working with the whole 25.

$$\begin{array}{r} \rightarrow 85R.2 \\ 3 \overline{)257} \\ \underline{-24} \\ 17 \\ \underline{-15} \\ 2 \end{array}$$

$$\begin{array}{r} \text{Check} \\ \underline{85} \\ \times 3 \\ \underline{255} \\ +2 \\ \underline{257} \end{array}$$

Add the remainder



1. $4 \overline{)137}$ 2. $5 \overline{)325}$ 3. $9 \overline{)456}$ 4. $8 \overline{)536}$

5. $7 \overline{)463}$ 6. $6 \overline{)378}$ 7. $4 \overline{)326}$ 8. $3 \overline{)243}$

9. $2 \overline{)109}$ 10. $8 \overline{)436}$ 11. $9 \overline{)643}$ 12. $6 \overline{)206}$

13. $5 \overline{)359}$ 14. $3 \overline{)147}$ 15. $4 \overline{)278}$ 16. $8 \overline{)483}$