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Worksheet 3 Subtraction with Regrouping in Ones, Tens, Hundreds, and Thousands

Fill in the blanks.

Example

2 thousands 3 hundreds 5 tens 7 ones

= 2 thousands 3 hundreds 4 tens 17 ones

1. 4 thousands 2 hundreds 7 tens 3 ones

= 4 thousands 2 hundreds 6 tens _____ ones

2. 3 thousands 5 hundreds 8 tens 6 ones

= 3 thousands 4 hundreds _____ tens 6 ones

3. 8 thousands 2 hundreds 7 tens 5 ones

= 8 thousands _____ hundred 17 tens 5 ones

4. 7 thousands 6 hundreds 3 tens 2 ones

= 6 thousands _____ hundreds 3 tens 2 ones

5. 6 thousands 7 hundreds 2 tens 4 ones

= _____ thousands 17 hundreds 2 tens 4 ones

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Subtract.

Example

		5	12	
	1,	7	~~6~~	~~2~~
−	1,	7	4	8
			1	4

8 ones cannot be subtracted from 2 ones. So, regroup the tens and the ones.

6.

		☐	☐	
	2,	6	~~7~~	~~0~~
−	1,	4	5	8

Step 1 7 tens 0 ones = ____ tens ____ ones

Step 2 ____ ones − 8 ones = ____ ones

Step 3 ____ tens − 5 tens = ____ ten

Step 4 6 hundreds − 4 hundreds

= ____ hundreds

Step 5 2 thousands − 1 thousand

= ____ thousand

7.

		☐	☐	
	4,	5	~~6~~	~~2~~
−	2,	1	3	8

Step 1 6 tens 2 ones = ____ tens ____ ones

Step 2 ____ ones − 8 ones = ____ ones

Step 3 ____ tens − 3 tens = ____ tens

Step 4 5 hundreds − 1 hundred

= ____ hundreds

Step 5 4 thousands − 2 thousand

= ____ thousands

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Subtract.

Example

		5	14	
	3,	~~6~~	~~4~~	8
−	1,	2	9	6
	2	3	5	2

Step 1 8 ones − 6 ones = 2 ones

Step 2 6 hundreds 4 tens

= 5 hundreds 14 tens

Step 3 14 tens − 9 tens = 5 tens

Step 4 5 hundreds − 2 hundreds

= 3 hundreds

Step 5 3 thousands − 1 thousand

= 2 thousands

8.

	3,	~~5~~	~~4~~	8
−	2,	1	7	5

Step 1 8 ones − 5 ones = ____ ones

Step 2 5 hundreds 4 tens

= ____ hundreds ____ tens

Step 3 ____ tens − 7 tens = ____ tens

Step 4 ____ hundreds − 1 hundred

= ____ hundreds

Step 5 3 thousands − 2 thousands

= ____ thousand

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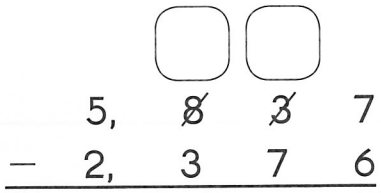
9.



$$\begin{array}{r} 5,\ \not{8}\ \not{3}\ 7 \\ -\ 2,\ 3\ 7\ 6 \\ \hline \end{array}$$

Step 1 7 ones − 6 ones = ____ one

Step 2 8 hundreds 3 tens

= ____ hundreds ____ tens

Step 3 ____ tens − 7 tens = ____ tens

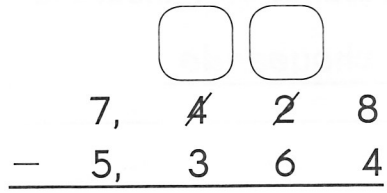
Step 4 ____ hundreds − 3 hundreds

= ____ hundreds

Step 5 5 thousands − 2 thousands

= ____ thousands

10.



$$\begin{array}{r} 7,\ \not{4}\ \not{2}\ 8 \\ -\ 5,\ 3\ 6\ 4 \\ \hline \end{array}$$

Step 1 8 ones − 4 ones = ____ ones

Step 2 4 hundreds 2 tens

= ____ hundreds ____ tens

Step 3 ____ tens − 6 tens = ____ tens

Step 4 ____ hundreds − 3 hundreds

= ____ hundreds

Step 5 7 thousands − 5 thousands

= ____ thousands

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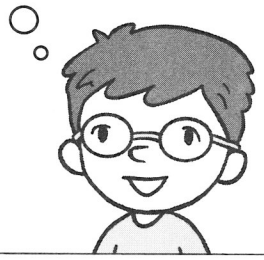
Subtract.

Example

	3	12		
	~~4~~,	~~2~~	5	8
−	1,	9	3	5
	2,	3	2	3

9 hundreds cannot be subtracted from 2 hundreds. So, regroup the thousands and the hundreds.



11.

	☐	☐		
	~~5~~,	~~3~~	8	7
−	2,	6	3	4

Step 1 7 ones − 4 ones = ____ ones

Step 2 8 tens − 3 tens = ____ tens

Step 3 5 thousands 3 hundreds

= ____ thousands ____ hundreds

Step 4 ____ hundreds − 6 hundreds

= ____ hundreds

Step 5 ____ thousands − 2 thousands

= ____ thousands

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12.

$$\begin{array}{r} \square\,\square \\ \not{8},\ \not{4}\ 9\ 5 \\ -\ 3,\ 7\ 3\ 2 \\ \hline \end{array}$$

Step 1 5 ones − 2 ones = ____ ones

Step 2 9 tens − 3 tens = ____ tens

Step 3 8 thousands 4 hundreds

= ____ thousands ____ hundreds

Step 4 ____ hundreds − 7 hundreds

= ____ hundreds

Step 5 ____ thousands − 3 thousands

= ____ thousands

13.

$$\begin{array}{r} \square\,\square \\ \not{7}\ \not{5}\ 7\ 4 \\ -\ 5,\ 6\ 6\ 2 \\ \hline \end{array}$$

Step 1 4 ones − 2 ones = ____ ones

Step 2 7 tens − 6 tens = ____ ten

Step 3 7 thousands 5 hundreds

= ____ thousands ____ hundreds

Step 4 ____ hundreds − 6 hundreds

= ____ hundreds

Step 5 ____ thousands − 5 thousands

= ____ thousand

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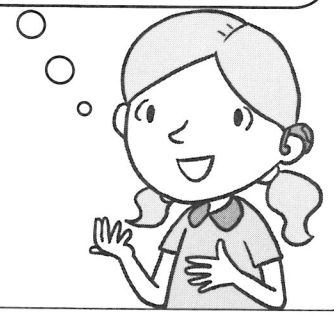
Worksheet 4 Subtraction Across Zeros

Subtract.

Example

		9	10	
	9	10		
5	10			
6,	0	0	0	
− 3,	2	6	7	
2,	7	3	3	

6 thousands 0 hundreds = 5 thousands 10 hundreds
10 hundreds 0 tens = 9 hundreds 10 tens
10 tens 0 ones = 9 tens 10 ones



1.

		□	□	
	□	□		
□	□			
5,	0	0	0	
− 2,	4	9	5	

Step 1 5 thousands 0 hundreds

= ____ thousands ____ hundreds

Step 2 ____ hundreds 0 tens

= ____ hundreds ____ tens

Step 3 ____ tens 0 ones

= ____ tens ____ ones

Step 4 ____ ones − 5 ones = ____ ones

Step 5 ____ tens − 9 tens = ____ tens

Step 6 ____ hundreds − 4 hundreds

= ____ hundreds

Step 7 ____ thousands − 2 thousands

= ____ thousands

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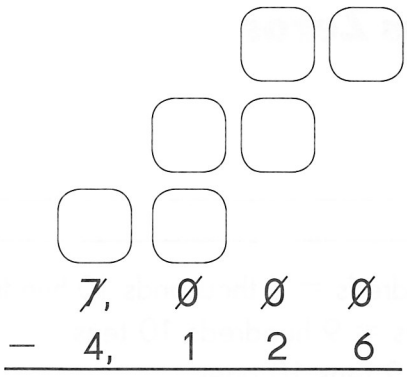
2.



Step 1 7 thousands 0 hundreds

= ____ thousands ____ hundreds

Step 2 ____ hundreds 0 tens

= ____ hundreds ____ tens

Step 3 ____ tens 0 ones

= ____ tens ____ ones

Step 4 ____ ones − 6 ones = ____ ones

Step 5 ____ tens − 2 tens = ____ tens

Step 6 ____ hundreds − 1 hundred

= ____ hundreds

Step 7 ____ thousands − 4 thousands

= ____ thousands

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Find each missing digit. Use number bonds to help you.

Example

$$\begin{array}{r} 8\ 4 \\ -\ \boxed{5}\ \boxed{1} \\ \hline 3\ 3 \end{array}$$

3.

$$\begin{array}{r} 9\ \square \\ -\ \square\ 5 \\ \hline 4\ 1 \end{array}$$

4.

$$\begin{array}{r} \square\ 6\ 7 \\ -\ 6\ 4\ 9 \\ \hline 2\ 1\ \square \end{array}$$

5.

$$\begin{array}{r} 1,\ 0\ 1\ \square \\ -\ \ 7\ \square\ 6 \\ \hline \ \ 2\ 3\ 7 \end{array}$$

Find the missing digits.

Example

$$\begin{array}{r} 4,\ 7\ \boxed{8}\ 9 \\ -\ 1,\ \boxed{5}\ 5\ 2 \\ \hline 3,\ 2\ 3\ \boxed{7} \end{array}$$

6.

$$\begin{array}{r} 8,\ \square\ 7\ 2 \\ -\ 3,\ 4\ \square\ 9 \\ \hline \square,\ 7\ 4\ 3 \end{array}$$

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Solve. Show your work.

Example

Florist A sold 1,000 stalks of tulips on Saturday.
Florist B sold 125 stalks fewer than Florist A.
How many stalks of tulips did Florist B sell on Saturday?

1,000 − 125 = 875

Florist B sold 875 stalks of tulips on Saturday.

7. A factory produces 8,000 loaves of bread and 6,800 buns a day. How many more loaves of bread than buns does the factory produce in a day?

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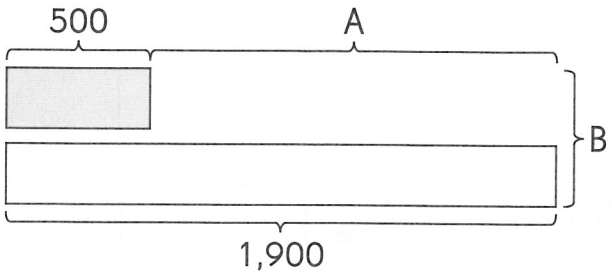
Worksheet 2 Real-World Problems: Addition and Subtraction

Solve. Use bar models to help you.

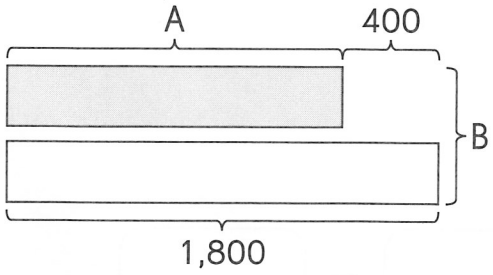
Example



a. A = 1,900 − 500 = 1,400

b. B = 500 + 1,900 = 2,400

1.



a. A = _____ ○ _____ = _____

b. B = _____ ○ _____ = _____

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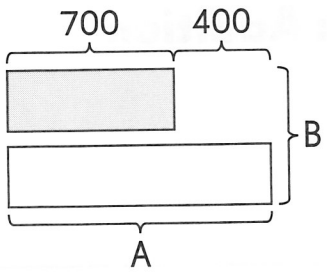
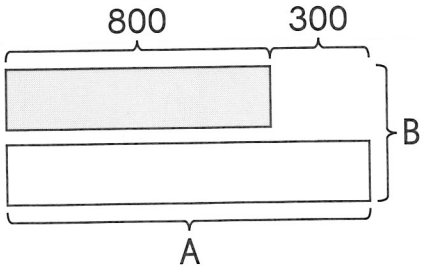
2.



a. A = ◯ ◯ ◯ =

b. B = ◯ ◯ ◯ =

3.



a. A = ◯ ◯ ◯ =

b. B = ◯ ◯ ◯ =

Name: _____ Date: _____

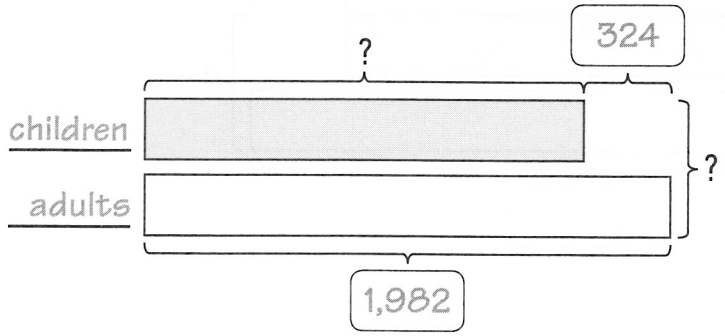
Complete the bar model. Then solve.

Example

There are 1,982 adults at a concert.
There are 324 more adults than children at the concert.

a. How many children are at the concert?

b. How many people are at the concert?



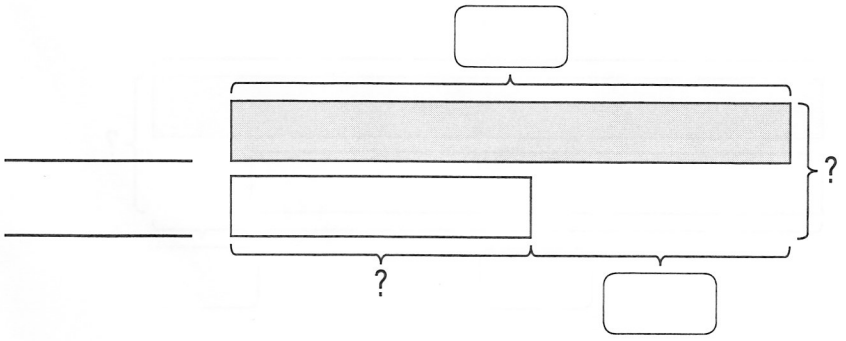
a. 1,982 − 324 = 1,658
1,658 children are at the concert.

b. 1,658 + 1,982 = 3,640
3,640 people are at the concert.

4. A video game costs $38.
A calculator costs $18 less.

a. What is the cost of the calculator?

b. What is the total cost of the two items?



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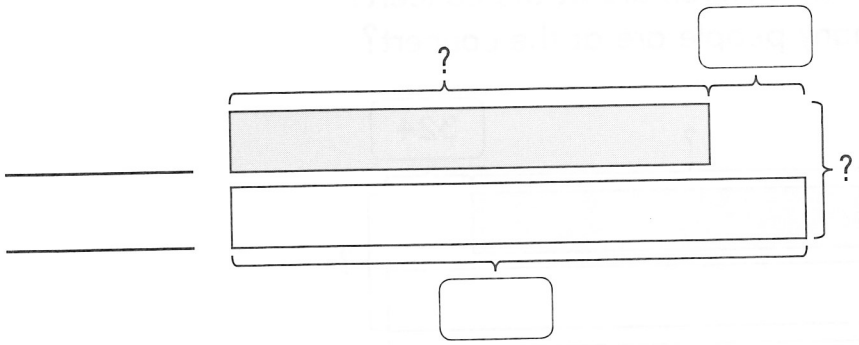
5. Sam packs green apples and red apples into a box.
There are 750 red apples.
There are 125 more red apples than green apples.

a. How many green apples does the box have?

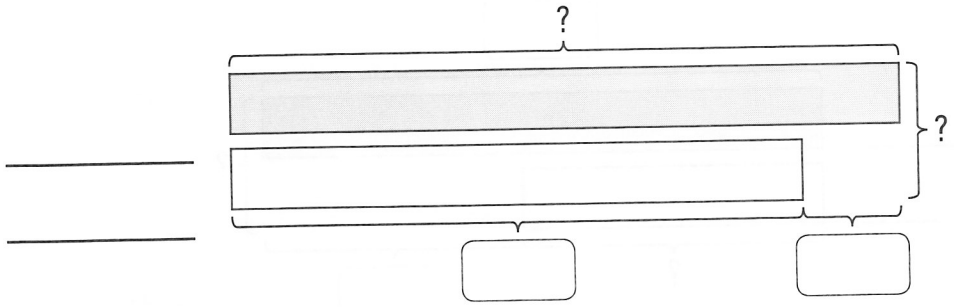
b. How many apples does the box have in all?



6. Sam walks from Town A to Town B, then from Town B to Town C.
The distance from Town A to Town B is 750 miles.
The distance between Town B and Town C is 125 miles more than the distance from Town A to Town B.

a. What is the distance between Town B and Town C?

b. What is the total distance Sam walks from Town A to Town C?

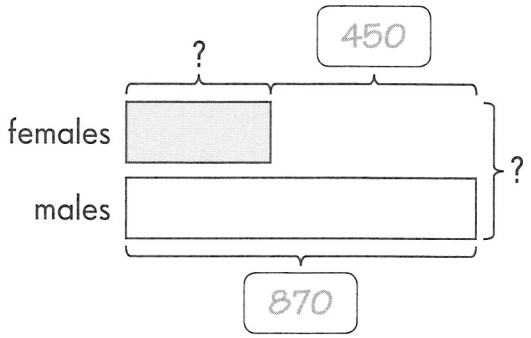


Name: _____ Date: _____

Solve. Use bar models to help you.

Example

A king invites guests to a party.
There are 870 male guests at the party.
There are 450 more male than female guests at the party.
How many guests are at the party?



870 − 450 = 420
There are 420 female guests at the party.

870 + 420 = 1,290
There are 1,290 guests at the party.

7. Justin makes mixed juice using carrots and apples.
The mixed juice contains 270 milliliters of carrot juice.
There is 165 milliliters more apple juice than carrot juice in the mixture.
How much mixed juice does Justin make?

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8. Pedro has some model motorcycles and some model cars. He has 132 fewer model cars than model motorcycles. Pedro has 352 model motorcycles. How many model cars and model motorcycles does Pedro have altogether?

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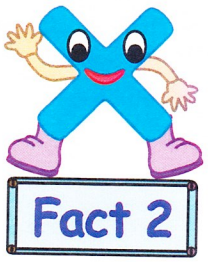
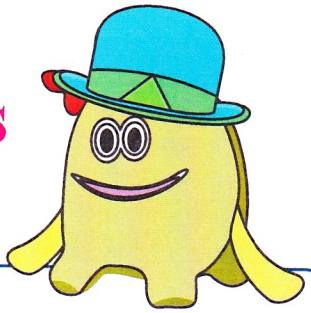
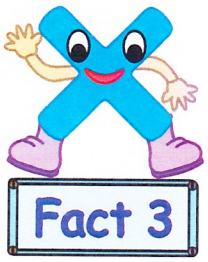


Multiplication Facts

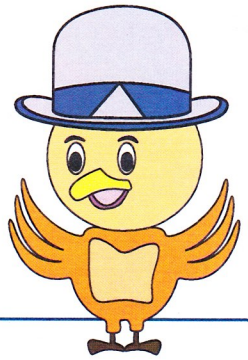


1) 7 × 2 =	2) 2 × 4 =	3) 2 × 6 =	4) 2 × 2 =
5) 2 × 3 =	6) 5 × 2 =	7) 8 × 2 =	8) 2 × 10 =
9) 2 × 1 =	10) 6 × 2 =	11) 2 × 7 =	12) 9 × 2 =
13) 10 × 2 =	14) 2 × 8 =	15) 2 × 5 =	16) 2 × 0 =
17) 1 × 2 =	18) 2 × 9 =	19) 4 × 2 =	20) 3 × 2 =

Name : _____ Score : _____

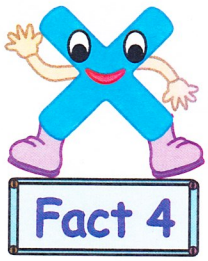


Multiplication Facts

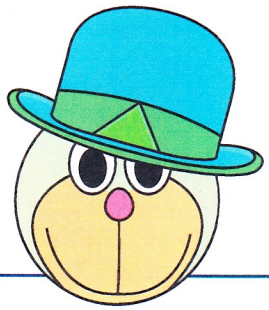


1) 3×5	2) 3×0	3) 3×8	4) 6×3
5) 3×3	6) 3×7	7) 5×3	8) 3×2
9) 1×3	10) 3×9	11) 2×3	12) 3×4
13) 9×3	14) 10×3	15) 8×3	16) 3×1
17) 3×10	18) 7×3	19) 3×6	20) 4×3

Name : _____ Score : _____



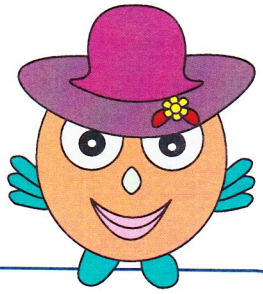
Multiplication Facts



1) 4 × 8	2) 7 × 4	3) 1 × 4	4) 4 × 2
5) 3 × 4	6) 4 × 5	7) 9 × 4	8) 4 × 7
9) 8 × 4	10) 4 × 6	11) 10 × 4	12) 4 × 0
13) 5 × 4	14) 4 × 9	15) 4 × 1	16) 2 × 4
17) 4 × 10	18) 4 × 4	19) 6 × 4	20) 4 × 3

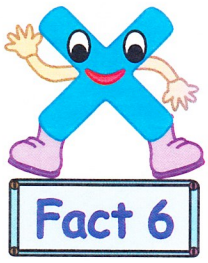
Name : _____ Score : _____

Multiplication Facts



1) 5 × 2	2) 9 × 5	3) 7 × 5	4) 5 × 8
5) 4 × 5	6) 5 × 3	7) 1 × 5	8) 5 × 6
9) 2 × 5	10) 10 × 5	11) 5 × 4	12) 5 × 5
13) 5 × 9	14) 5 × 7	15) 3 × 5	16) 5 × 0
17) 8 × 5	18) 5 × 10	19) 6 × 5	20) 5 × 1

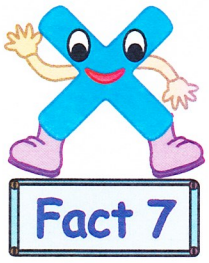
Name : _____ Score : _____



Multiplication Facts

1) 6 × 3	2) 9 × 6	3) 6 × 8	4) 2 × 6
5) 6 × 10	6) 6 × 4	7) 7 × 6	8) 6 × 9
9) 6 × 1	10) 6 × 0	11) 4 × 6	12) 10 × 6
13) 3 × 6	14) 6 × 5	15) 6 × 2	16) 6 × 6
17) 6 × 7	18) 1 × 6	19) 8 × 6	20) 5 × 6

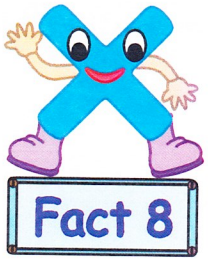
Name : _____ Score : _____



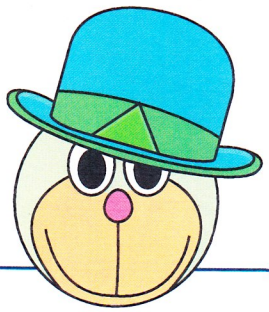
Multiplication Facts

1) 7 × 9	2) 1 × 7	3) 7 × 5	4) 8 × 7
5) 10 × 7	6) 4 × 7	7) 7 × 7	8) 7 × 3
9) 7 × 8	10) 2 × 7	11) 6 × 7	12) 7 × 4
13) 7 × 1	14) 9 × 7	15) 7 × 10	16) 5 × 7
17) 0 × 7	18) 7 × 6	19) 7 × 2	20) 3 × 7

Name : _____ Score : _____

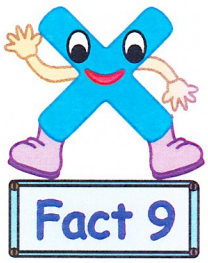


Multiplication Facts

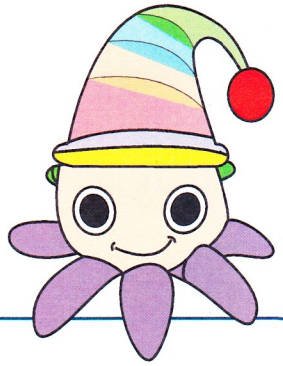


1) 8 × 2	2) 7 × 8	3) 4 × 8	4) 8 × 1
5) 9 × 8	6) 5 × 8	7) 2 × 8	8) 8 × 6
9) 8 × 3	10) 10 × 8	11) 8 × 7	12) 8 × 8
13) 8 × 4	14) 3 × 8	15) 8 × 9	16) 6 × 8
17) 1 × 8	18) 8 × 0	19) 8 × 5	20) 10 × 8

Name : _____ Score : _____

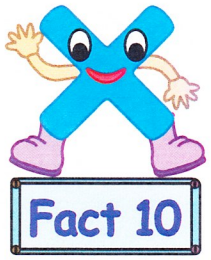


Multiplication Facts

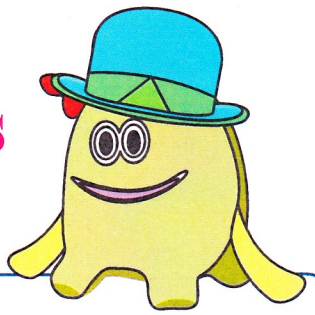


1) 9 × 4	2) 9 × 8	3) 10 × 9	4) 9 × 5
5) 7 × 9	6) 9 × 9	7) 9 × 3	8) 1 × 9
9) 3 × 9	10) 9 × 2	11) 5 × 9	12) 9 × 0
13) 9 × 10	14) 9 × 6	15) 4 × 9	16) 9 × 7
17) 9 × 1	18) 8 × 9	19) 2 × 9	20) 6 × 9

Name : _____ Score : _____



Multiplication Facts



1) 2 × 10	2) 8 × 10	3) 10 × 5	4) 1 × 10
5) 10 × 8	6) 0 × 10	7) 10 × 7	8) 9 × 10
9) 10 × 10	10) 10 × 6	11) 3 × 10	12) 5 × 10
13) 10 × 4	14) 10 × 1	15) 6 × 10	16) 10 × 3
17) 7 × 10	18) 10 × 9	19) 10 × 2	20) 4 × 10