

WEB MATH MINUTE

Multiplication & Division from 1 to 12

NAME _____

SCORE _____

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 66 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 55 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ \div 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \div 3 \\ \hline \end{array} \quad \begin{array}{r} 70 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 77 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ \div 10 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 80 \\ \div 8 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

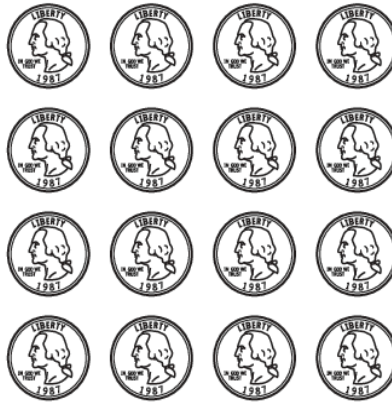
$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 30 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 63 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 120 \\ \div 10 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ \div 8 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \div 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ \div 4 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ \div 5 \\ \hline \end{array}$$



Using Quarters page 1 of 2

Here is an array of quarters.



- 1 What is the total amount of money in this array? Use numbers, words, or labeled sketches to explain your answer.

- 2 Use the array to help solve these multiplication problems.

<p>a $4 \times 25 =$</p> <p>c $6 \times 25 =$</p> <p>e $8 \times 25 =$</p>	<p>b $10 \times 25 =$</p> <p>d $12 \times 25 =$</p> <p>f $14 \times 25 =$</p>
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- 3 Rosie says she can solve 24×25 using the information above. Do you agree with her? Why or why not?

(continued on next page)

Using Quarters page 2 of 2

4 Use what you know about adding and multiplying money to help solve the multiplication problems below.

ex

25
<u>× 36</u>
900

I know there are four 25s in 100 (four quarters in a dollar). 36 is equal to 9 groups of 4. So, 36×25 is like 9×100 .

A) $\frac{1}{4} \times \frac{24}{1} = \frac{24}{4} = 6$
 $0.25 \times 24 = 6$
 $\overset{50}{25} \times 24 = \underline{600}$

a)

25
<u>× 24</u>
600

b)

25
<u>× 32</u>

c)

25
<u>× 40</u>

d)

25
<u>× 34</u>

e)

50
<u>× 2</u>

f)

50
<u>× 16</u>

g)

50
<u>× 24</u>

h)

50
<u>× 32</u>

f) $\frac{1}{2} \times \frac{16}{1} = \frac{16}{2} = 8$
 $.50 \times 16 = 8$
 $\overset{50}{50} \times 16 = \underline{800}$

j)

50
<u>× 33</u>

j)

50
<u>× 17</u>

k)

75
<u>× 2</u>

l)

75
<u>× 16</u>

Challenge

m)

100
<u>× 0.25</u>

n)

600
<u>× 0.25</u>
150

o)

240
<u>× 0.75</u>

p)

360
<u>× 0.75</u>

n) $0.25 = \frac{1}{4}$
 $\frac{1}{4} \times \frac{600}{1} = \frac{600}{4}$
 $4 \overline{) 600}$
 $\underline{150}$

n)

Or

1	4	8	10	100	200	400	600
.25	1	2	2.50	25	50	100	150



Multiplying fractions by whole numbers

Grade 5 Fractions Worksheet

Multiply.

1. $7 \times \frac{3}{4} =$ _____

2. $\frac{4}{5}$ of 2 = _____

3. $\frac{2}{8}$ of 7 = _____

4. $\frac{2}{3}$ of 7 = _____

5. $\frac{3}{12}$ of 2 = _____

6. $4 \times \frac{1}{2} =$ _____

7. $\frac{3}{4}$ of 4 = _____

8. $\frac{9}{10}$ of 5 = _____

9. $6 \times \frac{2}{5} =$ _____

10. $2 \times \frac{3}{6} =$ _____

11. $10 \times \frac{3}{6} =$ _____

12. $6 \times \frac{1}{2} =$ _____

13. $\frac{4}{8}$ of 3 = _____

14. $5 \times \frac{1}{4} =$ _____

15. $\frac{1}{10}$ of 1 = _____

16. $3 \times \frac{2}{5} =$ _____