

Challenge

Code Breaker

Digit Detective has a mystery to solve. Digit Detective just received this coded message. He needs your help in breaking the code. Each letter stands for a different number in the multiplication or division problems below. Find the number each letter represents. Then write the letters above the numbers to reveal the secret message and find out why the math book was unhappy.

1. $M \times M = 49$; $M =$ _____
2. $72 \div N = 9$; $N =$ _____
3. $6 \div 6 = I$; $I =$ _____
4. $8 \times D = 40$; $D =$ _____
5. $9 \times 4 = S$; $S =$ _____
6. $E \div 6 = 4$; $E =$ _____
7. $H \times 7 = 21$; $H =$ _____
8. $L \div 5 = 3$; $L =$ _____
9. $18 \div 9 = T$; $T =$ _____
10. $16 \div A = A$; $A =$ _____
11. $7 \times 0 = 42$; $0 =$ _____
12. $63 \div 7 = Y$; $Y =$ _____
13. $P \div 15 = P$; $P =$ _____
14. $9 \times R = 90$; $R =$ _____
15. $6 \times 2 = B$; $B =$ _____

1	2	3	4	5			
2	6	6	7	4	8	9	
0	10	6	12	15	24	7	36

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1. $M \times M = 49$; $M = \underline{7}$

2. $72 \div N = 9$; $N = \underline{8}$

3. $6 \div 6 = I$; $I = \underline{1}$

4. $8 \times D = 40$; $D = \underline{5}$

5. $9 \times 4 = S$; $S = \underline{36}$

6. $E \div 6 = 4$; $E = \underline{24}$

7. $H \times 7 = 21$; $H = \underline{3}$

8. $L \div 5 = 3$; $L = \underline{15}$

9. $18 \div 9 = T$; $T = \underline{2}$

10. $16 \div A = A$; $A = \underline{4}$

11. $7 \times 0 = 42$; $0 = \underline{6}$

12. $63 \div 7 = Y$; $Y = \underline{9}$

13. $P \div 15 = P$; $P = \underline{0}$

14. $9 \times R = 90$; $R = \underline{10}$

15. $6 \times 2 = B$; $B = \underline{12}$

$\frac{l}{1}$

$\frac{t}{2}$

$\frac{h}{3}$

$\frac{a}{4}$

$\frac{d}{5}$

$\frac{t}{2}$

$\frac{o}{6}$

$\frac{o}{6}$

$\frac{m}{7}$

$\frac{a}{4}$

$\frac{n}{8}$

$\frac{y}{9}$

$\frac{p}{0}$

$\frac{r}{10}$

$\frac{o}{6}$

$\frac{b}{12}$

$\frac{l}{15}$

$\frac{e}{24}$

$\frac{m}{7}$

$\frac{s}{36}$