

LESSON 8

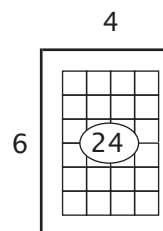
Division by 6

Notice that all the multiples of six are even numbers. Notice also that the digits of the multiples also add up to three or a multiple of three. In $6 \times 7 = 42$, 42 is an even number, and $4 + 2 = 6$, which is a multiple of three. Carefully observe the student's progress and move to the next lesson only when you are satisfied with his or her mastery of the concepts.

Example 1

$$\begin{array}{r} ? \\ 6 \overline{) 24} \end{array}$$

$$\frac{24}{6} = 24 \div 6 =$$



"What times six is equal to 24?"

"Six times what is equal to 24?"

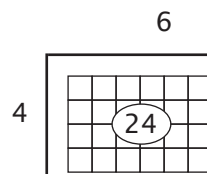
"How many sixes can I count out of 24?"

"24 divided by six equals what number?"

Example 2

$$\begin{array}{r} ? \\ 4 \overline{) 24} \end{array}$$

$$\frac{24}{4} = 24 \div 4 =$$



"What times four is equal to 24?"

"Four times what is equal to 24?"

"How many fours can I count out of 24?"

"24 divided by four equals what number?"

$1 \div 1$	$2 \div 2$	$3 \div 3$	$4 \div 4$	$5 \div 5$	$6 \div 6$	$7 \div 7$	$8 \div 8$	$9 \div 9$	$10 \div 10$
$2 \div 1$	$4 \div 2$	$6 \div 3$	$8 \div 4$	$10 \div 5$	$12 \div 6$	$14 \div 7$	$16 \div 8$	$18 \div 9$	$20 \div 10$
$3 \div 1$	$6 \div 2$	$9 \div 3$	$12 \div 4$	$15 \div 5$	$18 \div 6$	$21 \div 7$	$24 \div 8$	$27 \div 9$	$30 \div 10$
$4 \div 1$	$8 \div 2$	$12 \div 3$	$16 \div 4$	$20 \div 5$	$24 \div 6$	$28 \div 7$	$32 \div 8$	$36 \div 9$	$40 \div 10$
$5 \div 1$	$10 \div 2$	$15 \div 3$	$20 \div 4$	$25 \div 5$	$30 \div 6$	$35 \div 7$	$40 \div 8$	$45 \div 9$	$50 \div 10$
$6 \div 1$	$12 \div 2$	$18 \div 3$	$24 \div 4$	$30 \div 5$	$36 \div 6$	$42 \div 7$	$48 \div 8$	$54 \div 9$	$60 \div 10$
$7 \div 1$	$14 \div 2$	$21 \div 3$	$28 \div 4$	$35 \div 5$	$42 \div 6$	$49 \div 7$	$56 \div 8$	$63 \div 9$	$70 \div 10$
$8 \div 1$	$16 \div 2$	$24 \div 3$	$32 \div 4$	$40 \div 5$	$48 \div 6$	$56 \div 7$	$64 \div 8$	$72 \div 9$	$80 \div 10$
$9 \div 1$	$18 \div 2$	$27 \div 3$	$36 \div 4$	$45 \div 5$	$54 \div 6$	$63 \div 7$	$72 \div 8$	$81 \div 9$	$90 \div 10$
$10 \div 1$	$20 \div 2$	$30 \div 3$	$40 \div 4$	$50 \div 5$	$60 \div 6$	$70 \div 7$	$80 \div 8$	$90 \div 9$	$100 \div 10$