Division :

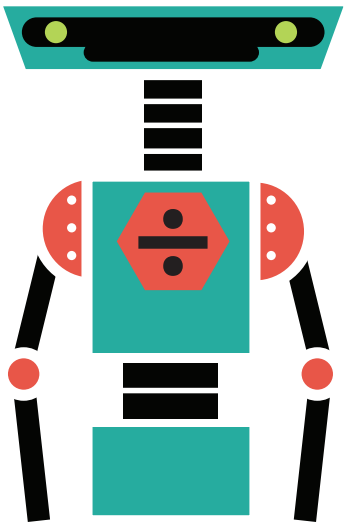
Repeated Subtraction

Review the diagram!

DIVIDEND QUOTIENT

$15 \div 5 = 3$

DIVISOR



How to perform repeated subtraction:

- Subtract the divisor from the dividend until you reach zero.
- Count up how many times you subtracted.
- The number of times you subtracted equals the quotient!

Directions: Match the repeated subtraction on the left with the correct division sentence on the right.

$21 \div 7$

$16 \div 8$

$16 \div 4$

$18 \div 6$

$20 \div 5$

20 - 5 = 15, 15 - 5 = 10, 10 - 5 = 5, 5 - 5 = 0

18 - 6 = 12, 12 - 6 = 6, 6 - 6 = 0

21 - 7 = 14, 14 - 7 = 7, 7 - 7 = 0

16 - 4 = 12, 12 - 4 = 8, 8 - 4 = 4, 4 - 4 = 0

16 - 8 = 8, 8 - 8 = 0

It's your Turn!

Use repeated subtraction to solve 20 ÷ 5.

Show your work in the space provided.

Write the quotient on the answer line:

$20 \div 5 =$ 4

16 - 4 = 12, 12 - 4 = 8, 8 - 4 = 4, 4 - 4 = 0