Grade 3 Math Cheat Sheet

Multiply equal groups

I see 3 groups of 4 **4 + 4 + 4 = 12**

I write the product **3 × 4 = 12**

3 rows of 4 unit squares **12 square units**

Each of the three groups has four dots.



3 groups of 4

Share or make equal groups

I share 12 counters across 3 groups
12 ÷ 3 = 4 in each group

I pack 12 counters in groups of 4 **12 ÷ 4 = 3 groups**

I check by multiplying **3 × 4 = 12**

Read the question to tell if it asks for group size or number of groups.

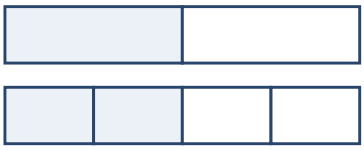
See equal fractions

I shade 1 of 2 equal parts **1/2**

I shade 2 of 4 equal parts **2/4**

The shaded lengths match **1/2 = 2/4**

Both bars have the same whole length.



1/2 = 2/4

Round to the nearest ten

42 is closer to 40 **42 rounds to 40**

48 is closer to 50 **48 rounds to 50**

45 is exactly halfway **45 rounds to 50**

I find the tens on both sides. At the halfway point I choose the greater ten.