Name _____ Date _____

Integer Multiplication and Division Rules

If you multiply or divide two integers with the **same sign**, the answer will be **positive**.		If you multiply or divide two integers with **different signs**, the answer will be **negative**.	
7 × 8 = 56	**-3 × (-5) = 15**	**6 × (-2) = -12**	**-8 × 4 = -32**
36 ÷ 9 = 4	**-24 ÷ (-4) = 6**	**30 ÷ (-3) = -10**	**-48 ÷ 8 = -6**

Use integer multiplication and division rules to determine if the answer to each problem will be positive or negative. The first one has been done for you.

-3 × 2 + **(−)**	-16 ÷ (-4) + −	5 × (-6) + −	12 ÷ (-3) + −
-18 ÷ 6 + −	7 × 9 + −	-60 ÷ (-6) + −	-8 × (-5) + −
13 × (-33) + −	-250 ÷ 25 + −	-24 × (-36) + −	-560 ÷ 8 + −

Solve each problem. Use integer multiplication and division rules to help!

-2 × 5 = _____	-16 ÷ (-8) = _____	60 ÷ (-5) = _____	11 × (-1) = _____
-18 ÷ (-2) = _____	28 ÷ (-4) = _____	7 × (-8) = _____	-8 × 11 = _____
-70 × (-3) = _____	-60 ÷ (-2) = _____	8 × (-90) = _____	-80 ÷ 40 = _____
300 ÷ (-6) = _____	-80 × 50 = _____	-200 ÷ 40 = _____	-70 × (-60) = _____