MIA'S ATTENDANCE CHALLENGE

MULTIPLY, DIVIDE, AND EXPLAIN!

Grade 7 Mathematics • Multiplication and Division of Integers

Name/s: _____ Section: _____ Date: _____

REMEMBER: SAME SIGNS → POSITIVE • DIFFERENT SIGNS → NEGATIVE

PART A — SIGN DETECTIVE

Choose SAME if the signs are alike. Choose DIFFERENT if the signs are not alike.

#	Expression	SAME / DIFFERENT
1	(+3) × (+2)	☐ SAME ☐ DIFFERENT
2	(−4) × (+2)	☐ SAME ☐ DIFFERENT
3	(−8) ÷ (−2)	☐ SAME ☐ DIFFERENT
4	(+12) ÷ (−3)	☐ SAME ☐ DIFFERENT

PART B — PREDICT THE SIGN

Choose the correct sign of the answer.

#	Expression	Sign of the Answer
1	(+5) × (+2)	☐ POSITIVE ☐ NEGATIVE
2	(−6) × (+3)	☐ POSITIVE ☐ NEGATIVE
3	(−12) ÷ (−4)	☐ POSITIVE ☐ NEGATIVE
4	(+15) ÷ (−3)	☐ POSITIVE ☐ NEGATIVE

PART C — MATCH IT!

Match each expression with its correct answer.

EXPRESSIONS	ANSWERS
1. 2 × (+3)	A. +4
2. (−2) × 2	B. +6
3. (−8) ÷ (−2)	C. −4

PART D — SOLVE IT!

Identify the signs, determine the sign, multiply or divide, then write the answer.

#	Expression	Final Answer
1	(+3) × (+2)	_____
2	(−4) × (+2)	_____
3	(−6) ÷ (−2)	_____
4	(+8) ÷ (−2)	_____

LIVEWORKSHEETS

PART E — EXPLAIN!

Choose the best answer.

1. Why is (−3) × (+2) negative?

☐ A. The signs are the same.

☐ B. The signs are different.

☐ C. Both numbers are even.

2. Why is (−6) ÷ (−2) positive?

☐ A. The signs are the same.

☐ B. The signs are different.

☐ C. Both numbers are positive.

Work together • Check your signs • Explain your thinking!

LIVEWORKSHEETS