

Name _____ Date _____

Worksheet 16A: The laws of arithmetic

1 Write the missing number.

$$36 \times 45 = 36 \times 9 \times \boxed{}$$

2 Complete these calculations.

Tip: Remember – brackets first, then multiplication and division and finally addition and subtraction.

a $(11 - 8) \times 4$

b $17 - (5 - 3)$

c $16 - (7 \times 2)$

d $(10 - 4) \times 9$

3 This calculation has the **same** 1-digit number missing from each box.

Write the missing number.

$$\boxed{} \times \boxed{} + \boxed{} = 30$$

4 Here are three signs.

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Write one of these signs in each box to make these expressions correct.

a $3 \times (6 + 4) \boxed{} (6 \times 3) + 4$

b $(5 \times 6) \div 2 \boxed{} 5 \times (6 \div 2)$

5 Faisal writes down four calculations but one of his calculations is wrong.

A $12 + (3 + 9) \times 2 = 36$

B $(12 + 3 + 9) \times 2 = 48$

C $(12 + 3) + 9 \times 2 = 48$

D $12 + 3 + (9 \times 2) = 33$

Which calculation is wrong? What is the correct answer?
