YEAR 7 MATHS
TEST 3

1. Simplify: 5pq x 7qr

   A. 57pqr   B. -2pr   C. $35pq^2r$ D. $2p^2q$

2. Simplify: $30ab^2 \div 6ab$

   A. $5a^2b^3$ B. 24ab   C. 5b   D. 180ab

3. Simplify: $8a \times 2 + 5a \div 5 - 12a$

   A. 5a   B. $-14\frac{1}{2}a$ C. 2a   D. 10a

4. Remove brackets and simplify: $(3x +5y) - (7x + 10y)$

   A. 4x + 5y   B. 4x - 5y   C. -4x - 5y   D. 5y - 4x

5. Solve the equation: 3p - 5 = 19

   A. p = 7   B. p = 8   C. p = 5   D. p = 6

6. Solve the equation: $\frac{y}{10} = 3\frac{1}{2}$

   A. y = 7   B. y = 70   C. y = 5   D. y = 35

7. Calculate the perimeter of a football field which measures 75m by 50m.

   A. 125m   B. 260m   C. 30m   D. 250m

8. A rectangle has a perimeter of 74m. Find the breadth of the rectangle if its length is 25m.

   A. 10m   B. 24m   C. 6m   D. 12m

9. The area of a rectangle is $224cm^2$. If its length is 16cm, calculate its breadth.

   A. 14cm   B. 24cm   C. 6cm   D. 12cm

10. A triangle has a base of 12cm and a height of 6cm. Calculate its area.

    A. $54cm^2$ B. $24cm^2$ C. $36cm^2$ D. 12cm