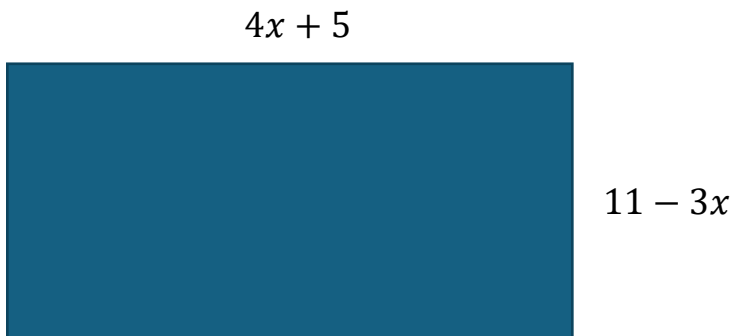<u>Interleaf 8</u>

1)   Simplify fully:

a) $3x \times 8$ b) $2x + 6x - x - 3x$ c) $5x - 7 - 4x + 11$

2)   Find the perimeter of the following rectangle:

$4x + 5$

$11 - 3x$

3)   If $a = 4, b = -6$ and $c = -7$, find the value of the following:

a) $3b + 5a$ b) $4a - c$ c) b^2 d) $a(5 - c)$

4)   Calculate 34 x 817

5)   What is the difference in temperature between -32°C and -17°C?

6)   Calculate $2 - (4 + 5) \times -3$

7)   Write 0.45 as a fraction in its lowest terms

8)   A rectangle measure $\frac{3}{8}$ cm by $\frac{2}{3}$ cm

a)   Find its area   b)   Find its perimeter

Answers

1) a) $24x$ b) $4x$ c) $x + 4$ 2) $2x + 32$ 3) a) 2   b) 23   c) 36   4) 27778   5) 15°C   6) 29

7) $\frac{9}{20}$ 8a) $\frac{1}{4}$ cm²   b) $2\frac{1}{12}$cm