

4.9 Starting Six

Work out $3\frac{1}{3} + 2\frac{3}{4}$

Work out the size of angle x

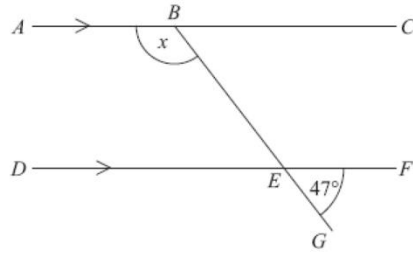
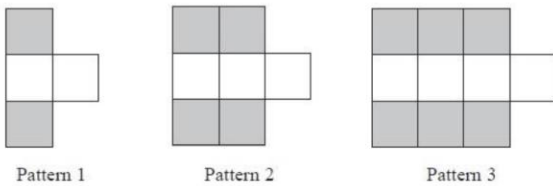


Diagram NOT accurately drawn

ABC and *DEF* are parallel lines.
BEG is a straight line.
Angle *GEF* = 47° .

Work out the size of the angle marked x .

Write an expression in terms of n for the grey tiles in this pattern.



Pattern 1

Pattern 2

Pattern 3

Solve: $13x - 4 = 9x - 3$

Factorise

$$20x^2 - 14x$$

There are 120 buttons made every hour.

$\frac{2}{5}$ are black and 20% are white.

The rest are brown or red in the ratio 3:5

How many are red?

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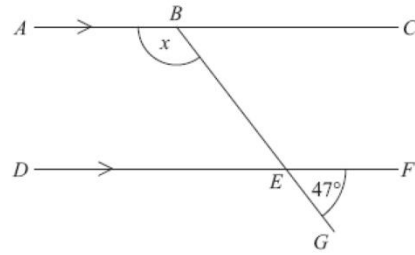
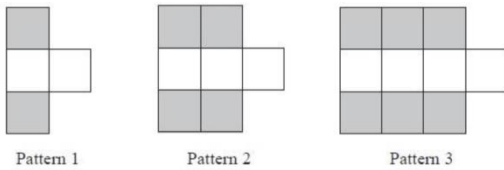


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