

National 5

Short Task 11

Round all answers to an appropriate degree of accuracy unless specifically stated

1. Fully factorise $4p^2 - 81$
2. Find the equation of a straight line passing through the points $(-3,7)$ and $(2,8)$.
3. Evaluate

$$3\frac{1}{3} \div 1\frac{1}{5}$$

4. Write without brackets

$$(2x - 3)(x - 1)(x + 4)$$

5. A car cost £11 320 after a VAT increase of 20% was added.

How much was the car before VAT?

Round your answer correct to 2 significant figures.

6. Evaluate

$$32^{\frac{4}{5}}$$