N5 Unit 1 Spot Test 3

1. Express as a single fraction in its simplest form

$$\frac{5}{x} - \frac{3}{(x-2)}, \ x \neq 0 \text{ or } x \neq 2^-$$
 (3)

2. A is the point (a^2, a)

T is the point (t^2, t) $a \neq t$

Find the gradient of the line AT

Give your answer in its simplest form.

(3)

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1.
$$\frac{5}{x} - \frac{3}{x-2}$$

5(x-2) $\frac{3x}{x(x-2)}$

- $\frac{5(x-2)}{x(x-2)}$

- $\frac{5x-10}{x(x-2)}$

- $\frac{3x}{x(x-2)}$

- $\frac{5x-10}{x(x-2)}$

- $\frac{3x}{x(x-2)}$

- $\frac{$