

N 277 Direct and inverse proportion 2

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

① 36

② 57.6

③ $\frac{25}{4}$

④ proof

⑤ 18.3%

⑥ $\frac{7}{3}$

⑦ $y = \frac{100}{9x^4}$

⑧ $h = \frac{120}{\sqrt{E}}$

⑨ i) $y \propto x^2$
ii) $y = 16x^2$

⑩ -7.5

⑪ a) $y = \frac{9}{x^2}$

b) $\frac{3}{4}$

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57.6
 $\frac{25}{4}$
proof
18.3%
 $\frac{7}{3}$
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 $h = \frac{120}{\sqrt{E}}$
i) $y \propto x^2$
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a) $y = \frac{9}{x^2}$
b) $\frac{3}{4}$