

Quick Test - Rearranging formulae



1. Make s the subject of the formula $p = s + tu$

(1 mark)

2. Make t the subject of the formula $p = s + tu$

(1 mark)

3. Make s the subject of the formula $p = s^2 + 4tu$

(2 marks)

4. Make t the subject of the formula $p^2 = s^2 + 4tu$

(2 marks)

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5. Make t the subject of the formula $v = \frac{1}{6}t + 6w$

(2 marks)

6. Make w the subject of the formula $v = 0.2t + 5w^2$

(2 marks)

7. Make a the subject of the formula $P = \pi r + 2r + 2a$

(2 marks)

8. Make a the subject of the formula $3a + b = x(a + c)$

(3 marks)

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9. Make b the subject of the formula $b(3 + d) = x(b + c)$

(2 marks)

10. Make c the subject of the formula $b(3 + cd) = x(b + c)$

(3 marks)

11. Make y the subject of the formula $3(y + 2) = a(5 - 2y)$

(3 marks)

12. Make p the subject of the formula $x = \frac{p+5}{p+6}$

(3 marks)

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13. Make p the subject of the formula $x = \frac{p+5}{p-t}$

(3 marks)

14. Make x the subject of the formula $\frac{a}{c} = \frac{5x}{x+6}$

(3 marks)

15. Make y the subject of the formula $\frac{a}{2c} = \frac{5y}{y+6}$

(3 marks)

16. Make z the subject of the formula $\frac{a}{c} = \frac{4+5yz}{3y-3}$

(3 marks)

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17. Make u the subject of the formula $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$

(3 marks)

18. Make h the subject of the formula $m = \sqrt{\frac{2h+1}{3}}$

(3 marks)

19. Express a in terms of b and c . $5(2a + b) = a + b + c$

(3 marks)

20. Make y the subject of the formula $x = z - 3wy^3$

(3 marks)

Total

/50 marks