

Name: _____



January 22, 2018

- 1) Solve by factorising
 $f^2 - 20f + 19 = 0$

Answer: _____

- 2) A number was shared in the ratio
4:2. The smaller share was 8. What
was the total amount shared?

Answer: _____

- 3) Share 15 in the ratio 2:1

Answer: _____

- 4) $7 - 4$

Answer: _____

- 5) Factorise $7q^2 + 30q + 8$

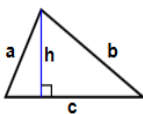
Answer: _____

- 6) Solve by factorising
 $s^2 - 9s + 8 = 0$

Answer: _____

- 7) Share 8 in the ratio 2:6

Answer: _____

- 8)  Find area of triangle
 $h = 9$ ft, $a = 10$ ft,
 $b = 11$ ft, $c = 12$ ft

Answer: _____

- 9) What would you multiply by to
increase an amount by 28%?

Answer: _____

- 10) $\frac{2}{12} + \frac{2}{8}$

Answer: _____

Total: ____ / 10

Name: _____



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Answers:

1) $f = 19$ or 1

2) 24

3) $5 : 10$

4) 3

5) $(1q + 4)(q + 2)$

6) $s = 8$ or 1

7) $1 : 7$

8) 49.5ft

9) 1.28

10) 5_{12}