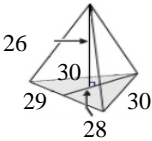
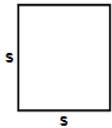




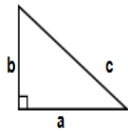
<p>1)  Find Volume of Triangular Pyramid</p> <p>Answer: _____</p>	<p>2) $18\frac{4}{19} \times 13\frac{13}{14}$</p> <p>Answer: _____</p>	<p>3) A number was shared in the ratio 6:35. The smaller share was 36. What was the total amount shared?</p> <p>Answer: _____</p>
<p>4) A number is chosen at random from 1 to 50. Find the probability of selecting odd number.</p> <p>Answer: _____</p>	<p>5) $(7 \times 4^4) \times (5 \times 4^6)$</p> <p>Answer: _____</p>	<p>6) \$127.00 earning 8.6% compound interest for 3 years.</p> <p>Answer: _____</p>
<p>7) $202 + (-579)$</p> <p>Answer: _____</p>	<p>8) Solve by factorising $f^2 + 1f - 2 = 0$</p> <p>Answer: _____</p>	<p>9) Solve by factorising $f^2 + 6f + 5 = 0$</p> <p>Answer: _____</p>
<p>10) Write 1×10^8 as a normal number.</p> <p>Answer: _____</p>	<p>11) Convert the following fraction into a mixed number: $\frac{24}{11}$</p> <p>Answer: _____</p>	<p>12)  Find perimeter of square having each side (s) equals 695 cm</p> <p>Answer: _____</p>
<p>13) What would you multiply by to decrease an amount by 52%?</p> <p>Answer: _____</p>	<p>14) Factorise $6f^2 + 27f + 12$</p> <p>Answer: _____</p>	<p>15) Increase 23 by 91%</p> <p>Answer: _____</p>



- 16) Convert the following mixed number $8\frac{18}{12}$ into an improper fraction.

Answer: _____

- 17) Find area of triangle
a = 827 in, b = 842 in



Answer: _____

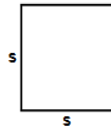
- 18) $81^{\frac{6}{8}}$

Answer: _____

- 19) A number was shared in the ratio 33:15. The smaller share was 30. What was the total amount shared?

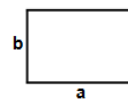
Answer: _____

- 20) Find area of square having each side (s) equals 633 m



Answer: _____

- 21) Find area of rectangle having sides a = 963 ft and b = 928 ft

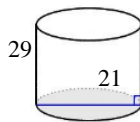


Answer: _____

- 22) Factorise $x^2 + 8x + 15$

Answer: _____

- 23) Find Volume of Cylinder



Answer: _____

- 24) Decrease 186 by $\frac{3}{62}$

Answer: _____

- 25) $\frac{10}{147}$ of 294

Answer: _____

- 26) $(9 \times 6) \times (18 + 15)$

Answer: _____

- 27) $(9 \times 6) \times (18 + 15)$

Answer: _____

- 28) Round 26.10029 to the nearest 100

Answer: _____

- 29) Find the value of 'f' by completing the square of the following equation:
 $2 + 10f + 16$

Answer: _____

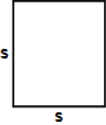
- 30) Decrease 33 by 51%

Answer: _____



- 31) Convert the following fraction into a mixed number: $\frac{32}{2}$

Answer: _____

- 32)  Find perimeter of square having each side (s) equals 410 m

Answer: _____

- 33) Find the median of the following set of data:
28, 29, 8, 30, 6, 40, 27, 14, 40, 5,
16, 33, 24, 26

Answer: _____

- 34) Solve $7d^2 + 20d - 12 = 0$
Round your solutions to 1 decimal place.

Answer: _____

- 35) Increase 36 by 13%

Answer: _____

- 36) 3×100

Answer: _____

- 37) Find the value of 'd' by completing the square of the following equation:
 $d^2 + 4d + 4$

Answer: _____

- 38) Find the value of 'd' by completing the square of the following equation:
 $d^2 + 10d + 16$

Answer: _____

- 39) Decrease 104 by $\frac{1}{52}$

Answer: _____

- 40) Decrease 104 by $\frac{1}{52}$

Answer: _____

Total: ____ / 40

Name: _____

July 30, 2020

MATHS WORKSHEET

GENERATOR

11-PLUS
SATS
GCSES



Answers:

- | | | | | | | |
|----------------------|---------------------|---------------------|------------------|-------------|-------------------------|------------------------|
| 1) 3518.6666666667 | 2) 253^{86}_{133} | 3) 246 | 4) $\frac{1}{2}$ | 5) 36700160 | 6) \$162.66 | 7) -377 |
| 8) $f = 1$ or -2 | 9) $f = -1$ or -5 | 10) 100000000 | 11) 2^2_{11} | 12) 2780cm | 13) 0.48 | 14) $(3f + 12)(f + 3)$ |
| 15) 43.93 | 16) $19\frac{1}{2}$ | 17) 348167in | 18) 27 | 19) 96 | 20) 400689m | 21) 893664ft |
| 22) $(x + 3)(x + 5)$ | 23) 10044.45711169 | 24) 177 | 25) 20 | 26) | 27) | 28) 26.1 |
| 29) $(f + 5)^2 - 9$ | 30) 16.17 | 31) 16 | 32) 1640m | 33) 20.5 | 34) $d = 0.5$ or -3.4 | 35) 40.68 |
| 36) 300 | 37) $(d + 2)^2$ | 38) $(d + 5)^2 - 9$ | 39) 102 | 40) 102 | | |