Name: _____

September 10, 2021

MATHS WORKSHEET GENERATOR

11-PLUS
SATS
GCSES

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1) A number is chosen at random from 1 to 25. Find the probability of selecting multiples of 9 and 7.

Answer: _____

2) A number is chosen at random from 1 to 25. Find the probability of selecting multiples of 9 and 7.

Answer: _____

3) A number is chosen at random from 1 to 25. Find the probability of selecting number less than 7.

Answer: _____

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4) An amount was decreased by 5.3% to $94.00. Find the original amount.

Answer: _____

5) 52 x 53

Answer: _____

6) Increase 94 by $^5/_{47}$

Answer: _____

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7) Increase 171 by $^1/_{57}$

Answer: _____

8) $^{10}/_7 - ^1/_3$

Answer: _____

9)

Volume of Cone

Answer: _____

---

10) An amount was increased by 8.7% to $41.00. Find the original amount.

Answer: _____

11) An amount was increased by 5% to $331.00. Find the original amount.

Answer: _____

12) Find the percentage change from 4 to 23

Answer: _____

---

13) $^{17}/_8$ x $^{17}/_7$

Answer: _____

14) Factorise $x^2 + 8x + 12$

Answer: _____

15) $2^4/_7$ x $3^9/_{10}$

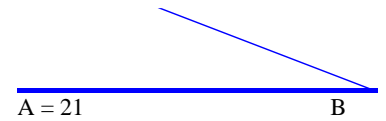Answer: _____

MATHS WORKSHEET GENERATOR

11-PLUS SATS GCSES

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

Answer: _____

17) Convert the following fraction into a mixed number: $^5/_2$

Answer: _____

18)

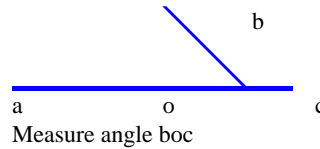A = 21   B
Find the Angle at side B.

Answer: _____

19)   11 x 100

Answer: _____

20)

a   o   c
Measure angle boc

Answer: _____

Total: ___ / 20

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MATHS WORKSHEET GENERATOR

11-PLUS SATS GCSES

Answers:

1) $^1/_5$

2) $^1/_5$

3) $^6/_{25}$

4) $89.02

5) 2756

6) 104

7) 174

8) $1^2/_{21}$

9) 7182.7280036575

10) $37.72

11) $315.24

12) 475%

13) $5^9/_{56}$

14) (x + 2)(x + 6)

15) $10^1/_{35}$

16) f = 1 or 1

17) $2^1/_2$

18) 159

19) 1100

20) 135

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