$\qquad$

|  | Find the Angle at side B. <br> Answer: $\qquad$ | 2) | $14 / 4-12 / 12$ <br> Answer: | 3) | Simplify $13: 12$ <br> Answer: |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4) | Decrease 30 by 70\% <br> Answer: | 5) | $6 / 12 \times 10 / 10$ <br> Answer: $\qquad$ | 6) | ${ }_{10}^{18} \div{ }_{/ 6}$ <br> Answer: $\qquad$ |
| 7) | ${ }^{18 /}{ }_{10} \div{ }^{17} / 6$ <br> Answer: |  | Share 21 in the ratio 6:1 <br> Answer: | 9) | A number was shared in the ratio 3:7. The smaller share was 33 . What was the total amount shared? <br> Answer: $\qquad$ |
| 10) | $32 \% \text { of } 29$ <br> Answer: $\qquad$ | 11) | Share 22 in the ratio 13:9 <br> Answer: |  | Find area of rectangle having sides $\mathrm{a}=72 \mathrm{~cm}$ and $b=63 \mathrm{~cm}$ <br> Answer: $\qquad$ |
| 13) | $13 / 3 \div 14 / 5$ <br> Answer: $\qquad$ | 14) | $8 \%$ of 41 <br> Answer: |  | $5 \frac{6}{10}-6 \frac{1}{2}$ <br> Answer: |

$\qquad$


Answer: $\qquad$
22) A number was shared in the ratio $10: 1$. The smaller share was 28 . What was the total amount shared?

Answer: $\qquad$
25) A number was shared in the ratio $1: 17$. The smaller share was 5 . What was the total amount shared?

## Answer:

$\qquad$
28) A number was shared in the ratio $1: 17$. The smaller share was 5 . What was the total amount shared?

Answer: $\qquad$
17) 'What is the probability of rolling a multiple of 5.when rolling a dice

Answer:
20)


Answer:
23) Solve $5 j^{2}-5 j-1=0$

Round your solutions to 1 decimal place.

Answer: $\qquad$
26) A number was shared in the ratio $1: 17$. The smaller share was 5 . What was the total amount shared?

Answer: $\qquad$
29) Increase 220 by $\frac{1}{110}$
18) Convert the following improper fraction $17 / 8+37 / 8$ into a mixed number

Answer: $\qquad$
21)
'Name the type of angle.

Answer: $\qquad$
24) A number was shared in the ratio 1:17. The smaller share was 5 . What was the total amount shared?

Answer: $\qquad$
27) A number was shared in the ratio $1: 17$. The smaller share was 5 . What was the total amount shared?

Answer: $\qquad$
30) $\quad 16 /{ }_{12} \div{ }^{19}{ }_{15}$

Answer: $\qquad$
$\qquad$
31) Find the percentage change from 1 to 5

Answer: $\qquad$
34) Decrease 50 by $4 / 25$

Answer: $\qquad$
37) Increase 196 by $2 / 49$

Answer: $\qquad$
40) $3 / 7-3 / 10$

Answer: $\qquad$
Total: $\qquad$ / 40
32) Find the percentage change from 5 to 14

Answer: $\qquad$
35) $32 \%$ of 44

Answer:
38) Factorise $3 q^{2}+5 q+2$

Answer: $\qquad$
33) An amount was increased by $6.9 \%$ to $\$ 333.00$. Find the original amount.

Answer: $\qquad$
36) Increase 196 by $2 / 49$

## Answer:

$\qquad$
39) A number was shared in the ratio $2: 20$. The smaller share was 35 . What was the total amount shared?

Answer: $\qquad$

## Answers:

| 1) 105 | 2) $2 \frac{1}{2}$ | 3) $13: 12$ | 4) 9 | 5) $1 / 2$ | 6) $54 / 85$ | 7) $54 / 85$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8) $3: 18$ | 9) 110 | 10) 9.28 | 11) $1: 21$ | 12) 4536 cm | 13) $123 / 42$ | 14) 3.28 |
| 15) $19 / 10$ | 16) $719 / 20$ | 17) $1 / 6$ | 18) $53 / 4$ | 19) Acute | 20) 3712.5 in | 21) Straight |
| 22) 308 | 23) $\mathrm{j}=1.2$ or -0.2 | 24) 90 | 25) 90 | 26) 90 | 27) 90 | 28) 90 |
| 29) 222 | 30) $20 / 57$ | 31) $400 \%$ | 32) $180 \%$ | 33) $\$ 311.51$ | 34) 42 | 35) 14.08 |
| 36) 204 | 37) 204 | 38) $(1 q+1)(\mathrm{q}+2)$ | 39) 385 | 40) ${ }^{9 / 70}$ |  |  |

