Number of children	Frequency	Subtotals.
1	7	7
2	3	6
3	3	9
4	2	8
	15	30

a) Mode is 1 child.

b). $1+1+1+1+1+1+1+2+2+2+3+3+3+4+4$

$\frac{30}{15} = 2$

c) $4 - 1 = 3$

$$1\frac{3}{4} - \frac{2}{7}$$

$$\frac{7}{4} - \frac{2}{7} = \frac{49}{28} - \frac{8}{28}$$

$$= \frac{41}{28}$$

$$= 1\frac{13}{28}$$

$3\frac{7}{10} - 1\frac{2}{3}$.

$3 - 1 = 2$

$\frac{7}{10} - \frac{2}{3} = \frac{21}{30} - \frac{20}{30}$

$= \frac{1}{30}$

Ans $2\frac{1}{30}$

Find the area

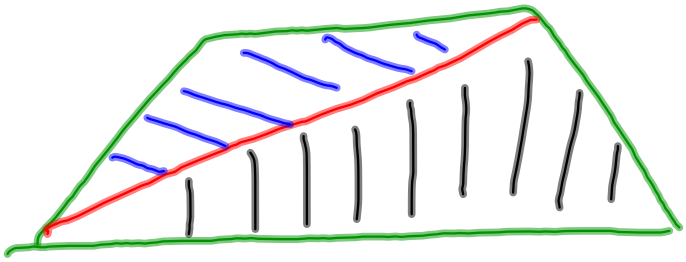
Area = 37 × 13

37 ×
13

1 1 1
2
3 7 0
4 8 1

Answer = 481 cm²

Area of a trapezium



① Split it

② Find area of blue △.

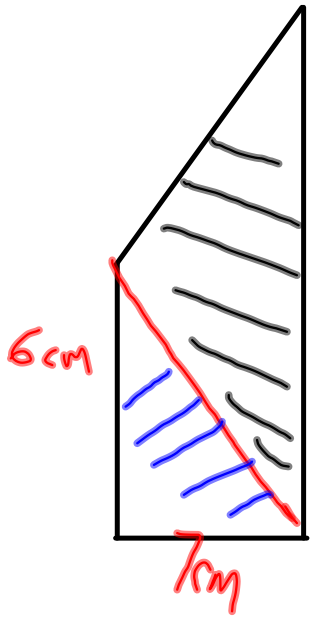
③ Find area of black △.

Remember that

$$\text{area of triangle} = \frac{\text{base} \times \text{height}}{2}$$

④ Add up areas of △s to find area of trapezium.

Find the area....



① Split it

② Area of blue △

area = $\frac{7 \times 6}{2} = 21$

③ Area of black △

area = $\frac{14 \times 7}{2}$

$= 49$

Total area = $49 + 21$

$= 70 cm^2$.

In a bag of beads I have 6 yellow, 4 green and 2 red beads.

I pick one out at random. Find the probability of picking:

a) A yellow bead

6 out of 12 = $\frac{6}{12} = \frac{1}{2}$

b) A green bead

4 out of 12 = $\frac{4}{12} = \frac{1}{3}$

c) A red bead

2 out of 12 = $\frac{2}{12} = \frac{1}{6}$

d) A blue bead

Zero blue beads so probability = 0.

We have 12 beads in total so we have fractions out of 12.