$$24:6=\frac{24}{6}:\frac{6}{6}=4:1$$

**20kg**, **5kg**  
20:5 = 
$$\frac{20}{5}$$
:  $\frac{5}{5}$  = 4:1

$$24.0 = \frac{1}{6}.\frac{1}{6} = 4.1$$
20cm, 80cm

$$20:80 = \frac{20}{20}:\frac{80}{80} = 1:4$$

$$0 = \frac{1500}{100} : \frac{1200}{100}$$

$$5:5=\frac{5}{5}:\frac{5}{5}=1:1$$
(vi) Rs. 150, Rs. 275

$$1500:1200 = \frac{1500}{100}:\frac{1200}{100}$$
$$= \frac{15}{3}:\frac{12}{3}:5:4$$

$$150:275 = \frac{150}{25} : \frac{275}{25} = 6:11$$

(i) 
$$\frac{2}{3}:\frac{3}{5}$$

(iii)

$$\frac{2}{3} : \frac{3}{5} = \frac{2}{3} \times 15 : \frac{3}{5} \times 15 = 2 \times 5 : 3 \times 3 = 10 : 9$$
(ii)  $\frac{4}{5} : \frac{3}{4}$ 

(iii) 
$$\frac{5}{6}:\frac{7}{10}$$

$$\frac{4}{5} : \frac{3}{4} = \frac{4}{5} \times 20 : \frac{3}{4} \times 20 = 4 \times 4 : 3 \times 5 = 16 : 15$$

$$\frac{5}{5} : \frac{7}{4}$$

$$\frac{5}{6}:\frac{7}{10}=$$

$$\frac{5}{6}: \frac{7}{10} = \frac{5}{6} \times 30: \frac{7}{10} \times 30 = 5 \times 5: 7 \times 3 = 25: 21$$
**13 3**

(iv) 
$$\frac{13}{40} : \frac{3}{20}$$
  
 $\frac{13}{40} : \frac{3}{20} = \frac{13}{40} \times 40 : \frac{3}{20} \times 40$ 

$$= \frac{15}{40} \times 40 : \frac{5}{20} \times 40$$
$$= 13 \times 1 : 3 \times 2 = 13 : 6$$

(v) 
$$\frac{2}{3} : \frac{1}{6}$$
  
 $\frac{2}{3} : \frac{1}{6} = \frac{2}{3} \times 6 : \frac{1}{6} \times 6 = 2 \times 2 : 1 \times 1 = 4 : 1$ 

(vi) 
$$\frac{4}{10}:20$$
 :  $\frac{4}{10}:20$ 

$$\frac{4}{10}: 20 = \frac{4}{10} \times 10: 20 \times 10 = 4 \times 1: 20 \times 10$$
$$= 4 \cdot 200 = \frac{4}{10} \cdot \frac{200}{10} = 1:50$$

$$= 4:200 = \frac{4}{4}: \frac{200}{4} = 1:50$$
(vii)  $\frac{15}{10}:2$ 

$$\frac{15}{10}: 2 = \frac{15}{10} \times 10: 2 \times 10 = 15 \times 1: 2 \times 10$$

$$10 10 10 15 : 20 = \frac{15}{15} : \frac{20}{15} = 3:4$$

(viii) 
$$\frac{12}{10} : \frac{28}{10}$$
  
 $\frac{12}{10} : \frac{28}{10} = \frac{12}{10} \times 10 : \frac{28}{10} \times 10 = 12 : 28$ 

 $=\frac{12}{4}:\frac{28}{4}=3:7$ 

(ix)  $\frac{2}{5}:\frac{1}{3}$ 

$$\frac{2}{5}: \frac{1}{3} = \frac{2}{5} \times 15: \frac{1}{3} \times 15 = 2 \times 3: 1 \times 5 = 6:5$$
ایک شهر میں 126 میڈ یکل کے طلبہ نے درج ذیل جدول کے مطابق سفر کیا۔

=14:9
$$= 9:75 = \frac{9}{3}: \frac{75}{3} = 3:25$$
(i)
(i)

$$= 75: 115 = \frac{75}{5}: \frac{115}{5} = 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 15: 23$$

$$= 115:85 = \frac{115}{5}: \frac{85}{5} = 23:17$$

$$=115:60 = \frac{115}{5}:\frac{60}{5} = 23:12$$

$$= 60:85 = \frac{60}{5}: \frac{85}{5} = 12:17$$

$$= 60:85 = \frac{60}{5}: \frac{85}{5} = 12:17$$

$$= 60:85 = \frac{60}{5}:\frac{85}{5} = 12:17$$
 خرس کی کتب کی تعداد اور ریاضی کی کتب کی تعداد اور ریاضی کی کتب کی تعداد میں۔

$$= 60:85 = \frac{60}{5}: \frac{85}{5} = 12:17$$

 $= 85:75 = \frac{85}{5}:\frac{75}{5} = \frac{1}{1}7:15$ 

$$=60:85 = \frac{60}{5}:\frac{85}{5}=12:17$$

$$= 60:85 = \frac{60}{5}: \frac{85}{5} = 12:17$$

= 60: 75 =  $\frac{60}{5}$  :  $\frac{75}{5}$  =  $\frac{12}{2}$  :  $\frac{15}{2}$  = 4:5

$$\frac{113}{5}: \frac{60}{5} = 23:12$$

$$|\vec{b}| = 23:12$$

$$= 23:12$$

کیسٹری کی کتب کی تعدادادارریاضی کی کتب کی تعدادیں۔