

① a) 5:9
15:27
25:45
35:63
etc.

b) 5:9
50:90
90:162

②

Blue	3	24	27	54	51
Yellow	4	32	36	72	68
Red	8	64	72	144	136

③ a) 10 c) 28
b) 9 d) 21

④

Numbers	3	150
Words	2	100
Total	5	250

150 cells have numbers

⑤ She will earn 104\$.

⑥

Cats	5	45
Dogs	2	18
Total	7	63

45 cats are up for adoption

⑦

men	4	64000
women	6	96000
total	10	160000

96000 graduates were women.

⑧ There: $\frac{\text{km } 80}{h} = \frac{70}{0.875h}$

Back: $\frac{\text{km } 90}{h} = \frac{70}{0.777h}$

Difference = $0.875 - 0.777 =$
 $= 0.0972 \text{ hours}$
 $= 5.8 \text{ minutes}$

⑨ $\frac{3 \text{ bars}}{2.67\$} = \frac{1 \text{ bar}}{0.89\$}$ cross-multiply

$0.89\$/\text{bar} \times 10 \text{ bars} = 8.90$

$\frac{3 \text{ bars}}{2.67\$} = \frac{10 \text{ bars}}{\$8.90}$ cross multiply

Ratio table $\div 3$ $\times 10$

bars	3	1	10
\$	2.67	0.89	8.90