Brain Bogglers

60) $3+1=4$
$1+4=5$
$4+2=6$

$\therefore c=4$

61)
$$\begin{array}{r} 9641 \\ +\ 9641 \\ \hline 19282 \end{array}$$

62)
$$\begin{array}{r} 242 \\ \times\ \ \ 4 \\ \hline 968 \end{array}$$

63)
$$\begin{array}{r} \ \ \ 90 \\ 801 \\ +\ \ 190 \\ \hline 1081 \end{array}$$

64) $2\text{mins} \div 4\text{edges} = 0.5\text{mins/edge}$

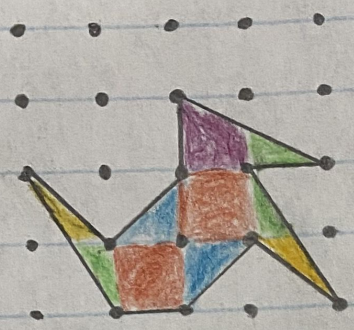
The shortest path from $A \rightarrow B$ is 3 edges

$0.5 \times 3 = 1.5\text{mins}$

65) $1 \times 2 \times 5 = 10\,m^3 = 10,000,000\,cm^3$

$10,000,000$ cubes $= 10,000,000$ cm tall
$10,000,000\,cm \div 100 \div 1000 = 100\,km$

66)



= 1 units^2

= $\frac{1}{2}$ units^2

= $\frac{1}{4}$ units^2

= $\frac{3}{4}$ units^2

= $\frac{1}{4}$ units^2

$1+1+\frac{1}{2}+\frac{1}{2}+\frac{1}{4}+\frac{1}{4}+\frac{1}{4}+\frac{1}{4}+\frac{1}{4}+\frac{3}{4} = 5$ units^2

68) $\sqrt{144} = 12$cm

$192 \div 12 = 16$cm

$16+12 = 28$cm

$168 \div 28 = 6$cm

$12+6 = 18$cm

$108 \div 18 = 6$cm

18cm × 6cm