Name:	*Solutions*	Date:
Teacher :		

Year 7

Multiplying and Dividing Fractions

10 / 10

Full working out MUST be shown to get full marks for each question.

Baldivis
Secondary College

Total Time:	20 minutes	Conditions: Calculator Free
Weighting:	5%	
Equipment:	1 A4 note page , pen, pencil, eraser	

Solve each question and show your working out. Simplify your answers as much as possible and leave in mixed number form if necessary.   [10 marks]

1. $\frac{3}{7} \times \frac{2}{3}$

$$\frac{3 \times 2}{7 \times 3} = \frac{6}{21} = \boxed{\frac{2}{7}} \checkmark \qquad ②$$

2. $1\frac{2}{8} \times \frac{5}{10}$

$$1^{+2}_{\times 8}$$

$$\frac{10}{8} \times \frac{5}{10} = \frac{50}{80} = \frac{5}{8} \checkmark \qquad ③$$

3. $\frac{1}{7} \div \frac{3}{5}$

$$\frac{1}{7} \times \frac{5}{3} = \frac{5}{21} \qquad ②$$

4. $3\frac{1}{3} \div 2\frac{1}{2}$

$$3^{+1}_{\times 3} \qquad 2^{+1}_{\times 2}$$

$$\frac{10}{3} \div \frac{5}{2} \rightarrow \frac{10}{3} \times \frac{2}{5} = \frac{20}{15} = 1\frac{5}{15} = 1\frac{1}{3} \qquad ③$$