MEMORANDUM

Name: ..... Class: .....

Date: .....

MARK ____ / 17

Answer all questions. Show all your working — marks are awarded for method as well as the final answer. **Teacher copy: accept any correct equivalent method.**

1 $\frac{1}{2} \times \frac{3}{5}$ (1)

$\frac{1 \times 3}{2 \times 5} = \frac{3}{10}$ ✓ (1)

2 $\frac{2}{3} \times \frac{3}{4}$ (1)

$\frac{6}{12} = \frac{1}{2}$ ✓ (1)

3 $\frac{4}{5} \times 10$ (2)

$\frac{40}{5} = 8$ ✓✓ (2)

4 Write down the reciprocal of $\frac{2}{7}$. (1)

$\frac{7}{2}$ ✓ (1)

5 Write down the reciprocal of 5. (1)

$\frac{1}{5}$ ✓ (1)

6 $\frac{3}{4} \div \frac{1}{2}$ (2)

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

7 $\frac{2}{3} \div \frac{4}{9}$ (2)

$\frac{2}{3} \times \frac{9}{4} = \frac{18}{12} = \mathbf{\frac{3}{2} = 1\frac{1}{2}}$ ✓✓ (2)

8 $5 \div \frac{1}{3}$ (2)

$5 \times 3 = \mathbf{15}$ ✓✓ (2)

9 $1\frac{1}{4} \times \frac{2}{5}$ (3)

$\frac{5}{4} \times \frac{2}{5} = \frac{10}{20} = \mathbf{\frac{1}{2}}$ ✓✓✓ (3)

10 How many $\frac{1}{8}$ pieces are there in 2 whole pizzas? (2)

$2 \div \frac{1}{8} = 2 \times 8 = \mathbf{16\ pieces}$ ✓✓ (2)

TOTAL: 17 marks

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