

Section 3.9
Order of Operations with
Fractions



BEDMAS

- ➡ Brackets
- ➡ Divide or Multiply, in order, from left to right
- ➡ Add or subtract, in order, from left to right



1. $\frac{5}{16} - \frac{3}{8} \times \frac{2}{3}$

2. $\frac{3}{4} - \frac{2}{3} \div \frac{4}{5} \times \left(\frac{1}{8} \times \frac{1}{4}\right)$

3. $\left(\frac{5}{6} - \frac{2}{3}\right) \div \left(\frac{1}{2} + \frac{3}{4}\right)$

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Worksheets 67-68

JUNE 2010 Exam QUESTIONS

Which multiplication expression gives the same result as $\frac{3}{4} \times \frac{3}{5}$?

- A. $\frac{3}{4} \times \frac{3}{5}$
- B. $\frac{4}{3} \times \frac{3}{5}$
- C. $\frac{3}{4} \times \frac{5}{3}$
- D. $\frac{4}{3} \times \frac{5}{3}$

What is $2 \frac{1}{4} \times 3 \frac{1}{2}$?

- A. $\frac{9}{14}$
- B. $\frac{8}{3}$
- C. $\frac{49}{8}$
- D. $\frac{63}{8}$

Sketch a model (i.e., Bank Model, Counters, Number line, etc.) to

calculate:

$$(+10) \div (-5)$$

[3 Marks]

Sketch a model (i.e., Area Model, Counters, Number line, etc.) to

calculate:

$$\frac{3}{4} \times \frac{1}{5}$$

[3 Marks]

Which multiplication statement does the diagram represent?

- A. 1×3
- B. 3×1
- C. $3 \times \frac{1}{4}$
- D. $4 \times \frac{1}{3}$



There is $10 \frac{1}{2}$ kg of dog food. If each dog eats $\frac{3}{4}$ kg of dog food, how

many dogs can be fed?

- A. 7
- B. 9
- C. 11
- D. 14

