

**Handout**  
**Eval – M3**

**Monthly Evaluation**

**Sections 2.1 to 2.7**

**/100**

1. Calculate the quotient of each division. /6

a) 
$$\begin{array}{r} 8 \overline{) 3648} \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 16 \overline{) 1152} \\ \hline \end{array}$$

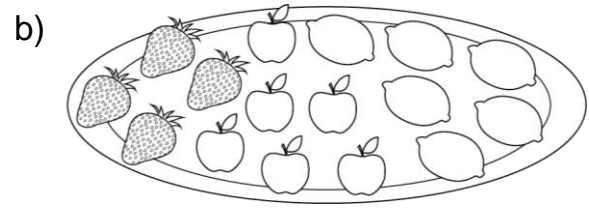
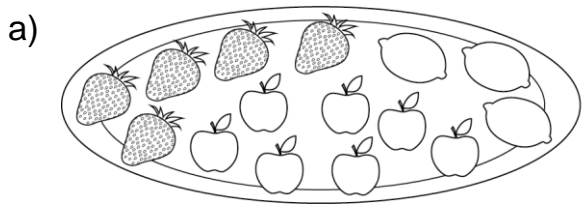
c) 
$$\begin{array}{r} 25 \overline{) 5975} \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 20 \overline{) 7740} \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 18 \overline{) 8136} \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 15 \overline{) 6030} \\ \hline \end{array}$$

2. Find 2 equivalent fractions that represent the fraction of strawberries on each plate. /4



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3. Write 3 equivalent fractions for each of these fractions. /6

a)  $\frac{5}{9}$  \_\_\_\_\_

b)  $\frac{1}{8}$  \_\_\_\_\_

4. Reduce each fraction to its simplest form.

/5

- a)  $\frac{7}{35}$      b)  $\frac{8}{28}$      c)  $\frac{10}{45}$      d)  $\frac{3}{42}$      e)  $\frac{9}{27}$

5. Arrange these fractions in decreasing order.

/2

- a)  $\frac{7}{8}$     $\frac{7}{11}$     $\frac{7}{3}$     $\frac{7}{18}$     $\frac{7}{23}$

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- b)  $\frac{8}{15}$     $\frac{1}{15}$     $\frac{13}{15}$     $\frac{2}{15}$     $\frac{4}{15}$

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6. Compare these fractions using the <, > or = symbol.

/5

- a)  $\frac{2}{9}$  ○  $\frac{7}{18}$     b)  $\frac{3}{4}$  ○  $\frac{21}{28}$   
 c)  $\frac{11}{40}$  ○  $\frac{1}{5}$     d)  $\frac{6}{25}$  ○  $\frac{24}{100}$   
 e)  $\frac{3}{16}$  ○  $\frac{3}{8}$

My Calculations				

7. Arrange these fractions in increasing order.

/6

- a)  $\frac{5}{6}$     $\frac{5}{12}$     $\frac{1}{6}$     $\frac{1}{2}$     $\frac{3}{4}$     $\frac{2}{3}$

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- b)  $\frac{7}{20}$     $\frac{3}{10}$     $\frac{1}{4}$     $\frac{4}{5}$     $\frac{3}{20}$     $\frac{7}{10}$

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My Calculations				

8. Find the result of each operation. /20  
 If possible, reduce the result to its simplest form.

a)  $\frac{3}{8} + \frac{1}{2} =$  \_\_\_\_\_

b)  $\frac{3}{5} + \frac{2}{15} =$  \_\_\_\_\_

c)  $\frac{15}{24} - \frac{7}{12} =$  \_\_\_\_\_

d)  $\frac{8}{30} - \frac{1}{10} =$  \_\_\_\_\_

e)  $\frac{3}{5} + \frac{3}{20} =$  \_\_\_\_\_

f)  $\frac{5}{6} - \frac{5}{12} =$  \_\_\_\_\_

g)  $4 \times \frac{1}{3} =$  \_\_\_\_\_

h)  $7 \times \frac{2}{15} =$  \_\_\_\_\_

i)  $2 \times \frac{4}{11} =$  \_\_\_\_\_

j)  $5 \times \frac{3}{10} =$  \_\_\_\_\_

9. Compare these expressions using the <, > or = symbol. /4

a)  $\frac{3}{10}$  of 30 ○  $\frac{2}{5}$  of 40

b)  $\frac{1}{4}$  of 32 ○  $\frac{2}{3}$  of 12

My Calculations									

10. Convert these measurements. /6

a) 12 m = \_\_\_\_\_ cm

b) 7 km = \_\_\_\_\_ m

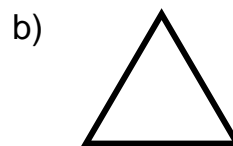
c) 4.5 dm = \_\_\_\_\_ mm

d) 256 cm = \_\_\_\_\_ m

e) 9900 m = \_\_\_\_\_ km

f) 800 mm = \_\_\_\_\_ dm

11. Calculate the perimeter of each figure. Use a ruler. /4



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12. Solve these problems.

- a) A grocer receives 136 cases of cantaloupes. Each case contains 12 cantaloupes. He then delivers all of the cantaloupes to 24 restaurants. Each restaurant gets the same number of cantaloupes. How many cantaloupes does each restaurant get?

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My Calculation				

/3

- b) Jenna slices a piece of baguette to eat with her soup. It represents  $\frac{2}{5}$  of the entire baguette. Draw the entire baguette.



My Calculation				

/3

- c) Nicholas is making 2 dozen sandwiches.  $\frac{3}{4}$  are ham sandwiches,  $\frac{1}{6}$  are chicken sandwiches and  $\frac{1}{12}$  are egg sandwiches. How many of each kind of sandwich is Nicholas making?

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\_\_\_\_\_

My Calculation				

/3

- d) Matilda eats  $\frac{1}{2}$  of a grapefruit every morning. How many grapefruits does she eat during the month of November?

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My Calculation				

/3



**USE REASONING**

15. Gail’s father bought a box of 40 cupcakes for her birthday party. The boys ate  $\frac{1}{5}$  of the cupcakes. What fraction of the cupcakes did the girls eat? How many cupcakes did the girls and boys eat? /5

   	<p>Solution:</p>
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16. Gilbert makes deliveries for a restaurant. /5

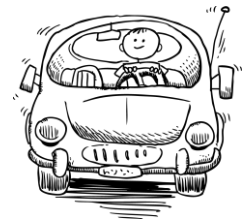
Below are the distances he covers over a period of 4 days:

1<sup>st</sup> day: 8 km





2<sup>nd</sup> day: 1200 m more than the distance covered on the 1<sup>st</sup> day

3<sup>rd</sup> day: one quarter of the distance covered on the 1<sup>st</sup> day

4<sup>th</sup> day: 32 000 dm less than the distance covered on the 1<sup>st</sup> day



How many kilometres in all has he covered by the end of the 4<sup>th</sup> day?

   	<p>Solution:</p>
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