

## **Curriculum Outcome**

**M3: Solve problems using SI and imperial units that involve linear measurement using estimation and measurement strategies**

**Student Friendly: "Fractions on a Measuring tape"**

# Fractions are important!!!!

GMF 10

Name \_\_\_\_\_

Adding and Subtracting Fractions

Date \_\_\_\_\_

Evaluate each expression.

1)  $1\frac{1}{2} - (-1\frac{1}{2})$

2)  $(-1\frac{5}{6}) - 2\frac{2}{3}$

3)  ~~$2\frac{5}{6} - 2\frac{2}{3}$~~

4)  $3 - (-1\frac{3}{4})$

•  $\frac{5}{6} - \frac{2}{3}$

$$\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$$

5)  $1\frac{7}{8} + (-2\frac{1}{4})$

6)  $(-\frac{5}{3}) - (-\frac{2}{5})$

7)  $(-1\frac{1}{4}) - (-3\frac{1}{4})$

8)  $(-3\frac{4}{7}) - (-\frac{1}{2})$

9)  $(-\frac{5}{3}) + 3\frac{3}{4}$

10)  $(-1\frac{4}{5}) - (-3\frac{1}{6})$

## Answers to Adding and Subtracting Fractions

1) 3

5)  $-\frac{3}{8}$

9)  $2\frac{1}{12}$

2)  $-4\frac{1}{2} - \frac{27}{6}$

6)  $-1\frac{4}{15} - \frac{19}{15}$

10)  $1\frac{11}{30}$

3)  $\frac{1}{6}$

7) 2

11)  $\frac{3}{8}$

4)  $4\frac{3}{4}$

8)  $-3\frac{1}{14}$

12)  $\frac{17}{50}$

Grade 7

Review

**Length** **SI Units of Measurement**

km	hm	dam	m	dm	cm	mm
kilo	hecto	deca	meter	deci	centi	milli

**Weight (mass)**

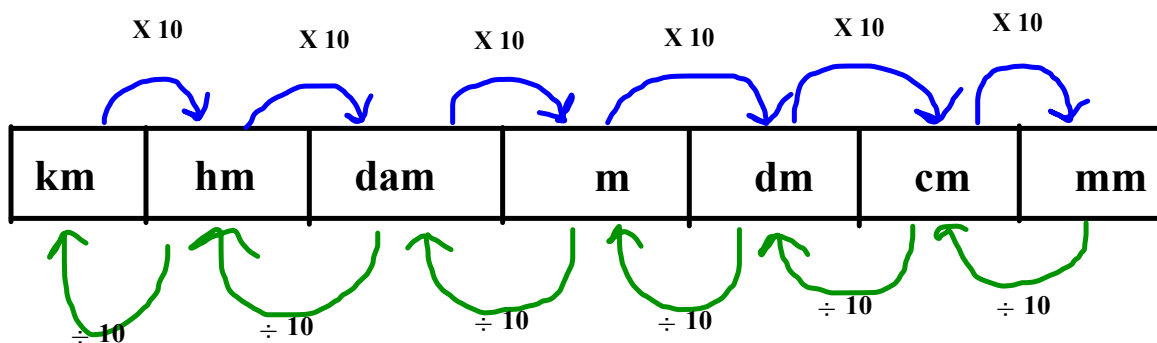
kg      hg      dag      g      dg      cg      mg

**Liquid Volume**

kl      hl      dal      L      dl      cl      ml

**How do you change from one unit to another?**

To change to the unit beside it, either multiply or divide by 10. If the unit is to the right, multiply, if the unit is to the left you divide.



**Complete the following:**

(a) 20 m = \_\_\_\_\_ cm

(b) 321 dag = \_\_\_\_\_ kg

(c) 72 cm = \_\_\_\_\_ mm

(d) 82 hl = \_\_\_\_\_ L

(e) 600 mm = \_\_\_\_\_ m

(f) 250 ml = \_\_\_\_\_ dl

(g) 5000 mg = \_\_\_\_\_ dg

(h) 3589 m = \_\_\_\_\_ km

(i) 62 kl = \_\_\_\_\_ dal

(j) 15 dm = \_\_\_\_\_ m



Day 1\_adding and Subtracting Fractions.ks-ipa