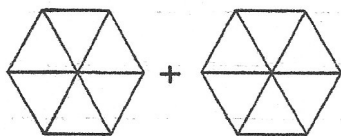# Unit Review

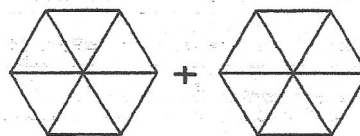**5.1**

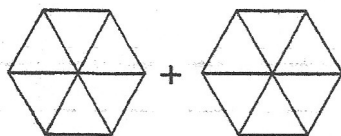**1.** Colour each pair of Pattern Block shapes to help you to add the fractions.
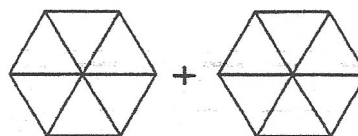
a) $\frac{1}{2} + \frac{1}{6} =$ _____

b) $\frac{1}{2} + \frac{1}{3} =$ _____
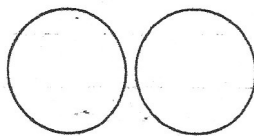
c) $\frac{1}{3} + \frac{1}{6} =$ _____

d) $\frac{2}{3} + \frac{1}{2} =$ _____

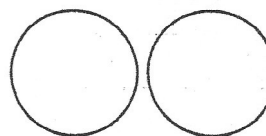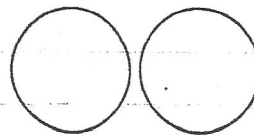**2.** Use fraction circles to find each sum.
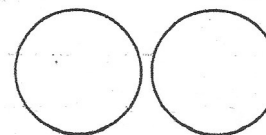
a) $\frac{3}{5} + \frac{3}{10} =$ ___

b) $\frac{5}{8} + \frac{1}{4} =$ ___

c) $\frac{5}{12} + \frac{3}{4} =$ _____

d) $\frac{5}{6} + \frac{7}{12} =$ _____

5.2

3. Write the addition equation represented by the diagram.

_____

5.2 **4.** Use fraction strips and number lines to add.

a) $\frac{2}{3} + \frac{1}{6} =$ ___

b) $\frac{1}{2} + \frac{3}{10} =$ _____

c) $\frac{3}{4} + \frac{11}{12} =$ _____

d) $\frac{3}{2} + \frac{2}{5} =$ _____

e) $\frac{7}{8} + \frac{1}{2} =$ _____

f) $\frac{2}{3} + \frac{3}{4} =$ _____

5.3 **5.** Zach took $\frac{5}{12}$ of an hour to drive to work and $\frac{2}{3}$ of an hour to drive home.

a) Write the total time it took Zach to drive to and from work as a fraction of an hour.

_____

b) Write the time in part a in minutes. _____

6. Estimate, then add.

a) $\frac{3}{4} + \frac{2}{5}$ Estimate: ___   Sum: _____

b) $\frac{5}{8} + \frac{1}{3}$ Estimate: ___   Sum: ___

c) $\frac{5}{9} + \frac{1}{6}$ Estimate: ___   Sum: ___

d) $\frac{1}{2} + \frac{3}{7}$ Estimate: ___   Sum: ___

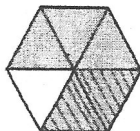e) $\frac{2}{3} + \frac{3}{5}$ Estimate: ____   Sum: _____
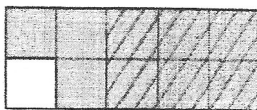
f) $\frac{4}{5} + \frac{5}{6}$ Estimate: ___   Sum: _____
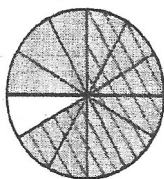
5.4 **7.** Use each diagram to find the difference.

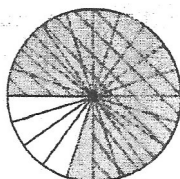a) $\frac{5}{6} - \frac{1}{3} =$ _____

b) $\frac{9}{10} - \frac{3}{5} =$ ___
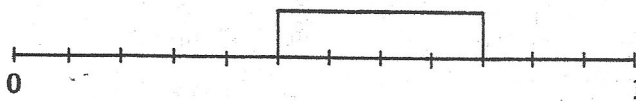
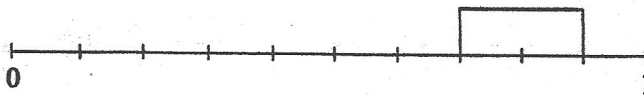c) $\frac{11}{12} - \frac{2}{3} =$ _____

d) $\frac{4}{5} - \frac{3}{4} =$ ___

5.4 **8.** Write the subtraction equation represented by each diagram.

a) _____

_____

b) _____

5.5 **9.** Estimate, then subtract.

a) $\frac{7}{8} - \frac{3}{4}$ Estimate: ___   Difference: ___

b) $\frac{3}{2} - \frac{3}{8}$ Estimate: ___   Difference: ___

c) $\frac{5}{4} - \frac{7}{12}$ Estimate: ___   Difference: ___

d) $\frac{2}{3} - \frac{2}{9}$ Estimate: ___   Difference: ___

5.6 **10.** Add.

a) $3\frac{7}{8} + 1\frac{5}{8} =$ _____   b) $2\frac{2}{3} + 4\frac{5}{12} =$ ___

11. On Sunday, Maya studied $1\frac{1}{4}$ h for her math exam.
On Monday she studied $1\frac{2}{3}$ h.
What is the total time Maya studied?

_____

5.7 **12.** Subtract.

a) $5\frac{11}{12} - 1\frac{7}{12} =$ _____   b) $2\frac{5}{7} - 1\frac{3}{14} =$ _____

13. Leigh has $4\frac{1}{2}$ m of ribbon.
He uses $1\frac{3}{4}$ m to wrap a present and $\frac{1}{3}$ m to make a bow.
How much ribbon is left?

_____