

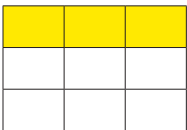
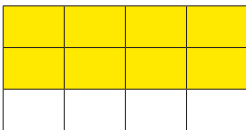

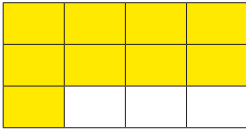

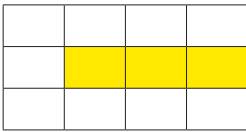
Student Worksheet 1

TI-15 Explorer™: Fractions

W1

Name: _____

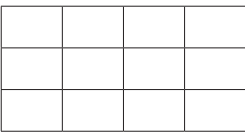
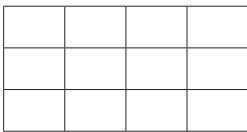

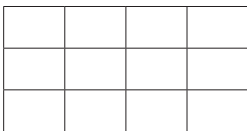
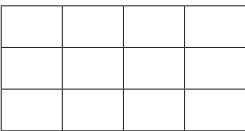
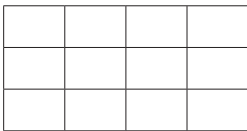
1. a) Each of these diagrams has some part shaded.
Write a fraction to describe the shaded section for each.
If possible find at least more than one way to describe the shading.

	Part shaded		Part shaded
1. 		2. 	
3. 		4. 	
5. 		6. 	

- b) Now for each of the above diagrams, what fraction is **UNSHADED**?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

2. a) In each of these diagrams shade the fraction indicated.

Fraction to shade		Fraction to shade	
1. $\frac{1}{2}$		2. $\frac{2}{3}$	
3. $\frac{6}{12}$		4. $\frac{3}{4}$	
5. $\frac{8}{12}$		6. $\frac{5}{6}$	

b) Now for each of the above diagrams, what fraction is **UNSHADED**?

1. _____

2. _____

3. _____

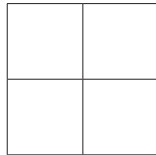
4. _____

5. _____

6. _____

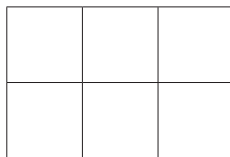
3. Use the rectangles already drawn to help you shade and then calculate each answer.

a) $\frac{1}{2} \times \frac{1}{2}$



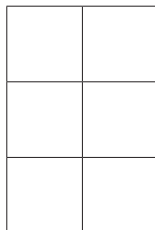
Answer: _____

b) $\frac{1}{2} \times \frac{2}{3}$



Answer: _____

c) $\frac{2}{3} \times \frac{1}{2}$



Answer: _____

4. For these questions you will need to set up your own rectangle first by drawing in the vertical and horizontal lines:

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



Answer: _____

b) $\frac{1}{2} \times \frac{1}{6}$



Answer: _____

c) $\frac{2}{3} \times \frac{3}{4}$



Answer: _____