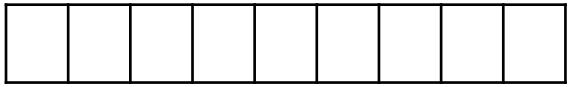
Hard – For each question shade in the bar to show the total.

1/3 + 1/3 =

2/6 + 4/6 =

3/9 + 4/9 =



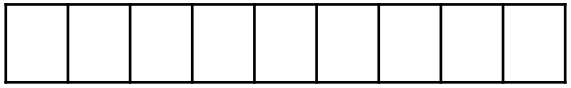
6/8 + 2/8 =

4/7 + 2/7 =

5/8 + 3/8 =

1/5 + 2/5 =

4/9 + 1/9 =

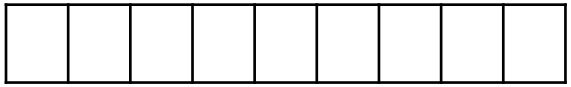


Hard – use the bar models to help you solve each problem.

2/3 - 1/3 =

4/6 - 2/6 =

5/9 - 4/9 =



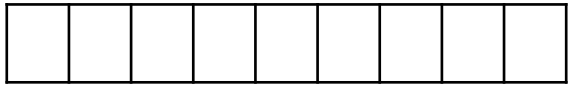
6/8 - 2/8 =

4/7 - 2/7 =

5/8 - 3/8 =

3/5 - 2/5 =

9/9-7/9 =



Harder	**Hardest**	**Herculean – subtract improper fraction**
3/3 - 1/3 =	3/3 - __= 2/3	12/6 – 2/6 = 1 and ?/6
2/5 - 1/5 =	__ - 4/8 = 2/8	8 / 4 – 2/4 = 1 and ?/4
3/6 - 2/6 =	9/9 - __ = 1/9	9/3 – 2/3 = 2 and ?/3
9/9 - 5/9 =	2/8 - __ = 0	4/2 – ½ = ?
6/7 - 4/7 =	__ - 3/12 = 9/12	14/12 – 2/12 =
10/12 - 1/12=	9/10 - ___ = 5/10	19/16 = 2/16 =
7/8 - 2/8 =	6/8 - ___ = 0	9/12 – 4/12 =
4/9 - 2/9 =	5/8 - 2/ 8 = ____	2/4 – ½ =
6/18 - 4/18 =	__ - 9/10 = 0	3/6 – ½ =

Harder	Hardest	Herculean
1/3 + 1/3 =	1/3 + __= 2/3	Steve and Jen are sharing a pizza. Steve has 3/8 and Jen has 2/8. How much of the pizza have they eaten altogether?
2/5 + 1/5 =	__ + 4/8 = 6/8	2/6 of the class like football and 1/6 of the class like basketball? What fraction of the class don't like either?
3/6 + 2/6 =	3/9 + __ = 9/9	4/10 of the books were handed out in the morning and 3/10 of the books were handed out in the afternoon. What fraction of the books still needed to be handed out?
4/9 + 5/9 =	2/8 + __ = 1 whole	Pete and Fred share a pizza. Pete has 2/5 and Fred has 2/5/What fraction of the pizza is left for Helan?
2/7 + 4/7 =	__ + 3/12 = 9/12	Steve and Jen are sharing a cake. Jen has 3/8 and Mark has 2/8. How much of the pizza have they eaten altogether?
9/12 + 1/12=	4/10 + ___ = 5/10	Percy spent 1/4 of his money on food and another 2/8 of his money on a drink. What fraction did he spend in total?
1/8 + 2/8 =	6/8 + ___ = 1 whole	John spent 1/5 of his money on food and another 2/10 of his money on a drink. What fraction of his money did he have left?
4/9 + 2/9 =	2/8 + 12/ 8 = ____	Sally has a piece of cloth. She used 1/2 of the cloth to make a pillow cover and another 2/4 of the cloth to make a tablecloth. What fraction of the cloth was used altogether for the pillow cover and tablecloth?
6/18 + 4/18 =	__ + 9/10 = 1 whole	