Addition and subtraction basic facts strategies assignment:

1. Count on to add

a. Give an example of an addition fact for which counting on would be an efficient derived fact strategy.

b. Show how to solve that addition fact by counting on

c. Give an example of an addition fact for which counting on would not be as efficient of a strategy. Explain why counting on doesn’t work very well for this fact.

2. Use doubles to add

a. Give an example of an addition fact for which using doubles would be an efficient derived fact strategy.

b. Show how to solve that addition fact using doubles

c. Give an example of an addition fact for which using doubles would not be as efficient of a strategy. Explain why using doubles doesn’t work well for this fact.

3. Make 10 to add

a. Give an example of an addition fact for which making ten would be an efficient derived fact strategy.

b. Show how to solve that addition fact by using the make 10 strategy

c. Give an example of an addition fact for which the make 10 strategy would not be as efficient of a strategy. Explain why making 10 doesn’t work well for this fact.

4. Build up through 10 to subtract

a. Give an example of a subtraction fact for which building up through 10 would be an efficient derived fact strategy.

b. Show how to solve that subtraction fact by using the build up through 10 strategy

c. Give an example of an subtraction fact for which the build up through 10 strategy would not be as efficient of a strategy. Explain why building up through 10 doesn’t work well for this fact.

5. Back down through 10 to subtract

a. Give an example of a subtraction fact for which backing down through 10 would be an efficient derived fact strategy.

b. Show how to solve that subtraction fact by using the back down through 10 strategy

c. Give an example of an subtraction fact for which the back down through 10 strategy would not be as efficient of a strategy. Explain why backing down through 10 doesn’t work well for this fact.

6. For which of these facts would it be more efficient to count back to subtract? For which would it be more efficient to count up to subtract?

a. 12 - 9

b. 11 - 2