name:_____

Each of these problem pairs (1-5 and 8-11) is from a different problem type. Tell what problem type each problem is, and label the easier problem "easier" (according to relative difficulties of the different types of word problem).

1. a. Marissa made 3 clay animals. Later she made 4 more clay animals. How many clay animals did she make in all?	b. Kyle has 3 crystal rocks and 4 polished rocks. How many rocks does he have in all?
2. a. Nora had 7 toy horses. She gave some toy horses to Gwen. Now she has 5 toy horses left. How many toy horses did she give to Gwen?	b. Joe painted 6 pictures. How many more does he have to paint to have 8 pictures?
3. a. There are 13 pens in the desk. 7 of the pens are red and the rest are blue. How many of the pens are blue?	b. Peter had 12 crayons. 2 of his crayons broke. How many crayons did he have left?
4. a. Matthew has 5 red pens and 2 blue pens. How many more red pens than blue pens does Matthew have?	b. Jeremy had some toy trains. For his birthday, he got 4 more toy trains. Now he has 12 toy trains. How many toy trains did he have before his birthday?
5. a. Gina has 7 Webkinz. She has 4 more Webkinz than Kallie. How many Webkinz does Kallie have?	b. Sandy has 10 puzzles. Jeff has 8 fewer puzzles than Sandy. How many puzzles does Jeff have?

6. What are the 3 easiest problem types?

7. What are the 3 most difficult problem types?

8. a. Jeff has 3 puzzles. Todd has 4 puzzles. How many puzzles do they have all together?	b. Jeremy made 5 paper airplanes. Later he made 2 more paper airplanes. How many paper airplanes did he make in all?
9. a. Ben has 3 small toy cars. He has 9 more large toy cars than small toy cars. How many large toy cars does he have?	b. Clara has 11 Barbies. She has 5 more Barbies than Anne. How many Barbies does Anne have?
10. a. There are 7 children running in the race. 3 of the children are boys. How many of the children are girls?	b. Yesterday Gus made some origami animals. Today, he made 2 more origami animals. In all, he made 6 origami animals. How many origami animals did he make yesterday?
11. a. Kyle has 7 stuffed toy animals and 8 hard plastic toy animals. How many more hard plastic toy animals than stuffed toy animals does Kyle have?	b. Michelle had some toy animals. She gave 10 toy animals to Jane. Now she has 6 left. How many toy animals did Michelle have to begin with?

12. Describe and illustrate the Join All direct modeling strategy for the problem: Aaron found 3 fossils. Later he found 4 more fossils. How many fossils did he find in all?	13. Describe and illustrate the Separate From direct modeling strategy for the problem: Ralph had 9 toy ninjas. He gave 2 toy ninjas to Aaron. How many toy ninjas does Ralph have left?
14. Describe and illustrate the Join To direct modeling strategy for the problem: Marissa blew up 5 balloons. How many more does she have to blow up to have 8 balloons?	15. Describe and illustrate the Compare direct modeling strategy for the problem: Ben has 5 joke books. Shauna has 8 joke books. How many fewer joke books does Ben have than Shauna?