

NAME _____

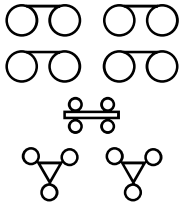
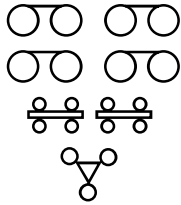
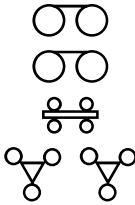
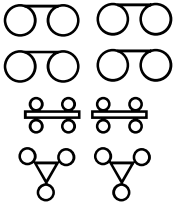
Independent Worksheet Choosing Equations & Diagrams (cont.)

C If x represents the amount of money Destiny is going to spend, which equation could be used to solve the problem?

$(2 + 8) \times 0.50 = x$ <input type="radio"/>	$(2 \times 8) \times 1.00 = x$ <input type="radio"/>	$(2 \times 8) - 0.50 = x$ <input type="radio"/>	$(2 \times 8) \times 0.50 = x$ <input type="radio"/>
--	---	--	---

4 There are 4 bikes, 2 skateboards, and a tricycle in Milo's garage. How many wheels are there altogether?

a Which diagram below best shows this problem?

 <input type="radio"/>	 <input type="radio"/>	 <input type="radio"/>	 <input type="radio"/>
--	--	---	--

b If x represents the number of wheels in Milo's garage, which equation could be used to solve the problem?

$2 \times (4 + 2 + 1) = x$ <input type="radio"/>	$(2 + 4 + 3) \times 2 = x$ <input type="radio"/>	$2 \times 4 \times 3 = x$ <input type="radio"/>	$(4 \times 2) + (2 \times 4) + 3 = x$ <input type="radio"/>
---	---	--	--

C Explain your answer to part b. Why did you choose this equation instead of the others?

5 There are some bikes and trikes on the playground. There are 36 wheels in all, and 15 bikes and trikes. How many bikes are there? How many trikes are there? Make a labeled diagram to solve the problem. Show your work. Use the back of the page if you need more room.