

Solve the equations showing your work. Check your answers.

$$6y = -12$$

Check

$$-4x = 24$$

Check

$$-12s = -96$$

Check

$$8k = -8$$

Check

$$\frac{d}{4} = -15$$

Check

$$\frac{y}{-2} = 14$$

Check

$$\frac{d}{-3} = -7$$

Check

$$\frac{d}{6} = -10$$

Check

Write an equation, then solve and check. Show your work.

Jeff brought cookies to school for his birthday. He divided them equally among his 23 classmates. If every classmate got 3 cookies, how many did he bring to school?

Equation + work

Check

Lily babysits on the weekends. She charges \$6 per hour. Last weekend she made a total of \$42. How many hours did she babysit?

Equation + work

Check

Michael is training for a marathon. He runs about 7 miles per hour. If he ran a total of 63 miles this week, how many hours did he spend running?

Equation + work

Check

Pete divides his money evenly into two accounts: savings and checking. When he got paid on Friday, he put \$65 into each account. How much was his paycheck?

Equation + work

Check

Sophia and three friends had dinner at a restaurant. They split the bill and tip equally. If each girl paid \$14, how much was the total bill?

Equation + work

Check

Jody bought some scarves that cost \$8 each. She spent a total of \$40. How many scarves did she buy?

Equation + work

Check


SECTION 2
Reinforcement

Chemical Properties and Changes

Directions: Answer the following question on the lines provided.

1. What are the differences between physical and chemical changes? Explain them, giving two examples of each.

Directions: Label the following changes as **C** for chemical or **P** for physical.

- _____ 2. forming a bar of copper into a wire
- _____ 3. frying an egg
- _____ 4. breaking a glass
- _____ 5. bleaching your hair
- _____ 6. transferring graphite from a pencil to paper when writing
- _____ 7. dissolving a drink mix in water
- _____ 8. shooting off fireworks
- _____ 9. a puddle drying up after a rain

Directions: In number 10 below, a code letter has been substituted for each letter in the alphabet. To find out what the sentence says, use the following key to decode it. In the key, the code letters are shown directly below the alphabet letters they stand for. Write the correct letter above each code letter, then read the sentence.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
S	W	Q	G	L	V	A	X	C	R	Y	E	F	B	K	I	J	U	N	V	Z	P	O	H	D	M

10.

_____ F S N N C N B K V Q U L S V L G K U G L N V U K D L G

_____ G Z U C B A S B D Q X L F C Q S E Q X S B A L

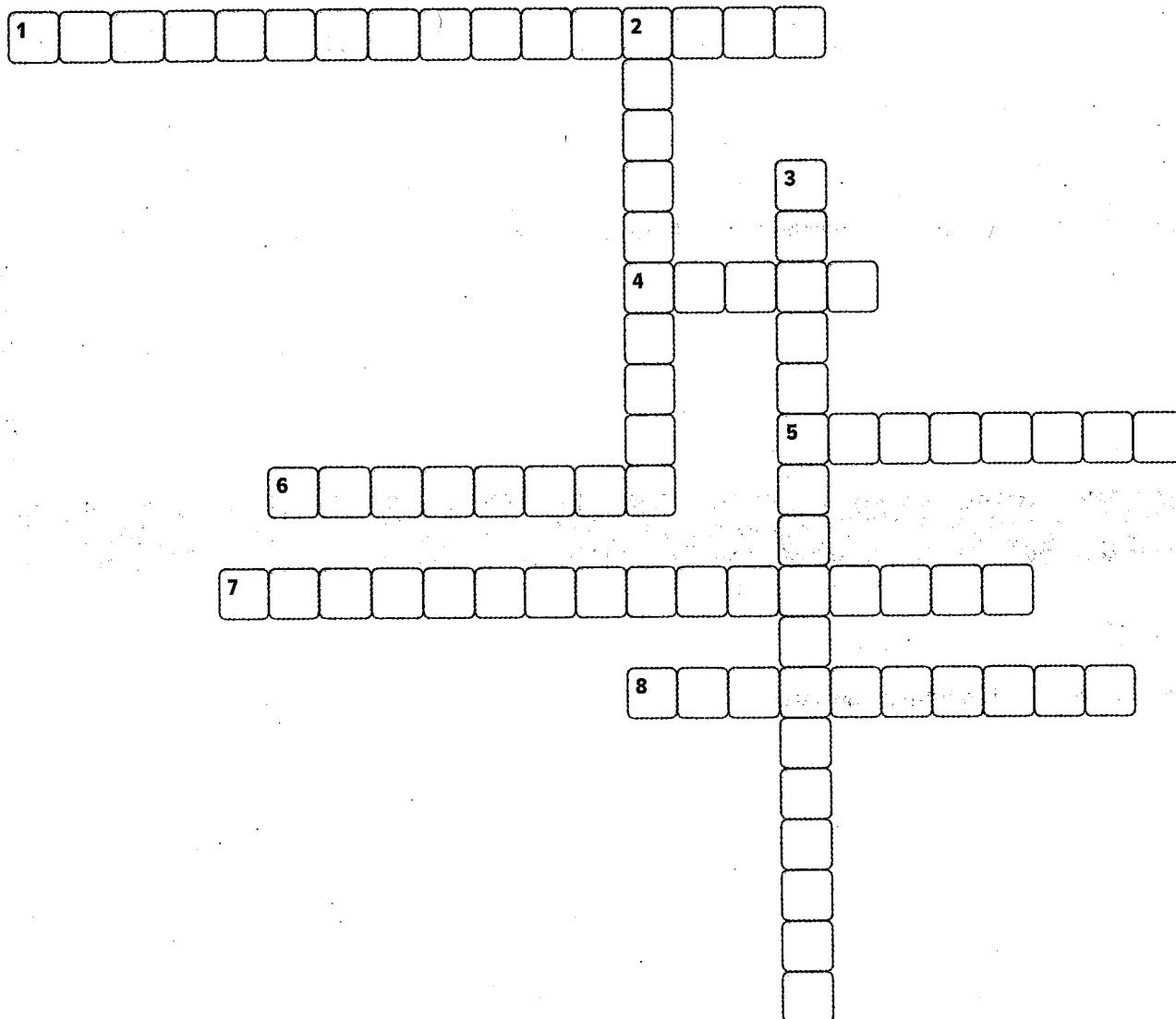
Chapter Review



Vocabulary Check



Write the correct term for each clue in the crossword puzzle.



Across

1. property of equality used to solve multiplication equations
4. replace a variable with a value that results in a true sentence
5. the value of a variable that makes an equation true
6. mathematical sentence showing two expressions are equal

7. property of equality used to solve subtraction equations
8. a combination of numbers, variables, and at least one operation

Down

2. a symbol of equality
3. operations which undo each other

Key Concept Check

Use Your FOLDABLES

Use your Foldable to help review the chapter.

Tape here

Tab 4
Tab 3
Tab 2
Tab 1
Models
Symbols

Got it?

Match each equation with its solution.

1. $8x = 128$

a. $x = 68$

2. $13 + x = 29$

b. $x = 39$

3. $72 = 3x$

c. $x = 18$

4. $x - 22 = 17$

d. $x = 16$

5. $\frac{x}{4} = 17$

e. $x = 24$

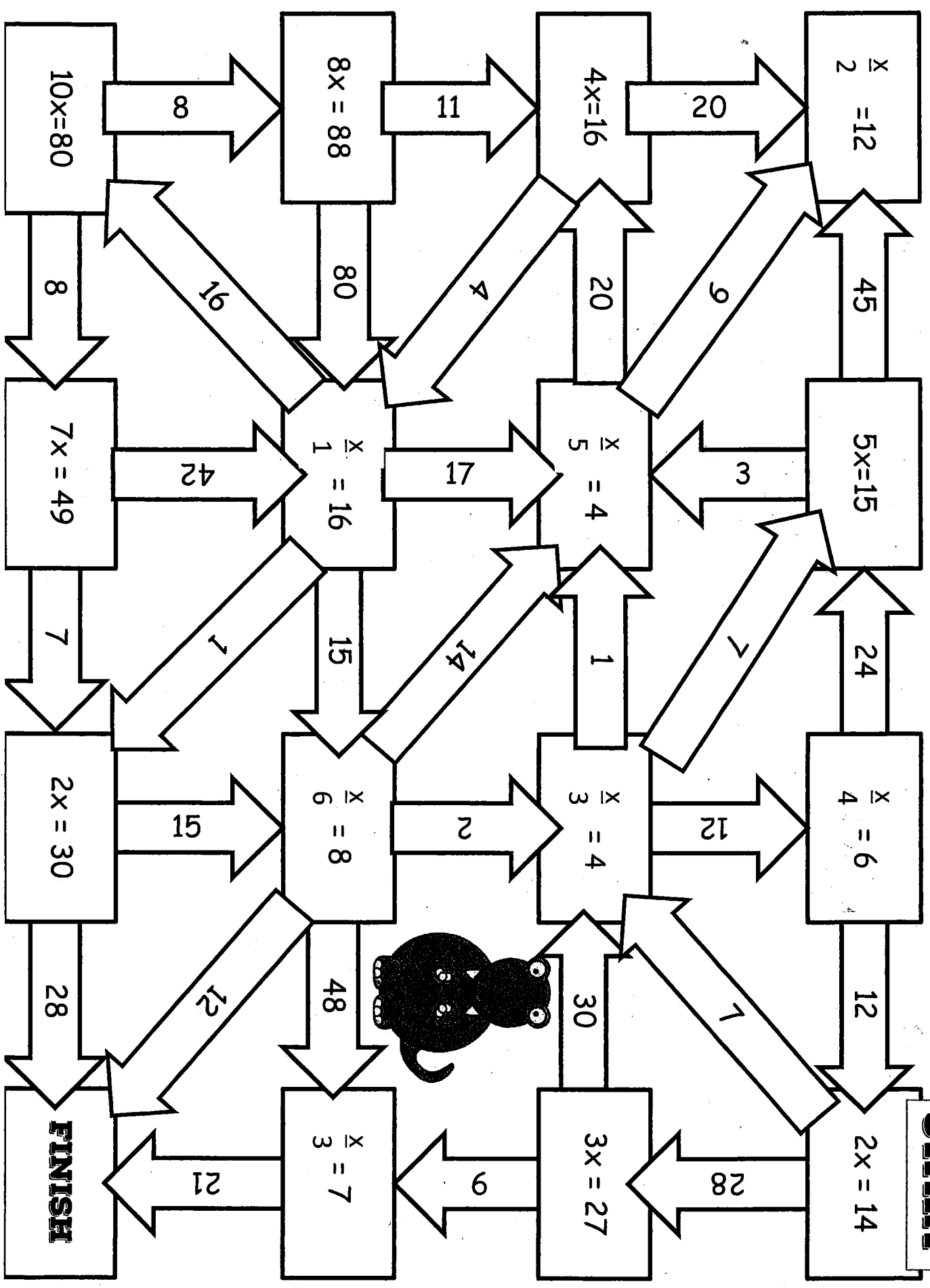
6. $x - 18 = 33$

f. $x = 51$

Name _____

ONE STEP EQUATIONS MULTIPLICATION AND DIVISION

START



FINISH

