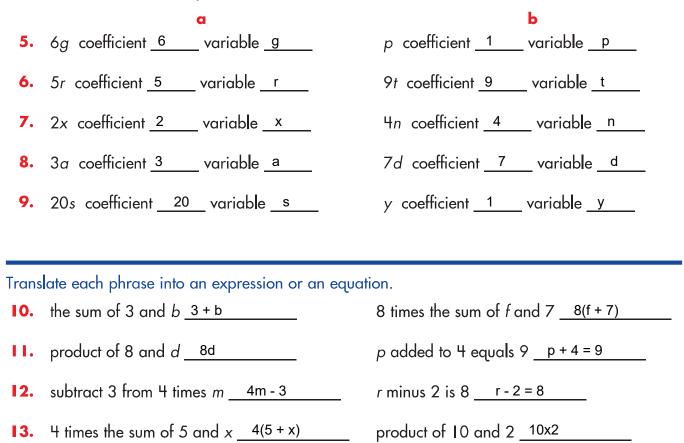
## Lesson 5.2 Parts of an Expression

Identify each of the following as an *expression* or an *equation*.

	a	b	c
Ι.	8 + x Expression	9 + 7 = 16 Equation	$20 \times m = 60$ Equation
2.	$b \div 5$ Expression	$32 = 8 \times 4$ Equation	$43 \times 7$ Expression
3.	4h Expression	91 - 20 = 71 Equation	7 + c Expression
4.	$36 = 9 \times 4$ Equation	65 - x Expression	30f Expression

For each term below, identify the coefficient and the variable.



**14.** 2 times *r* minus 7 <u>12r - 7</u>

the sum of 9 and *k* <u>9 + k</u>\_\_\_\_

## **Lesson 5.3** Writing Expressions

Translate each phrase into an algebraic expression or an equation.

Ι.	a subtract 8 from 3 times d <u>3d - 8</u>	<b>b</b> take away 3 from x <u>x - 3</u>		
2.	g minus 2 is 14 <u>g - 2 = 1</u> 4	z is added to 8 <u>8 + z</u>		
3.	the sum of 7 and z <u>7 + z</u>	2 is subtracted from 4 times d <u>4d-2</u>		
4.	two-fifths of the sum of 6 and <u>s _ 2/5 (6 +</u> s)	9 minus c <u>9-c</u>		
5.	10 minus <u>x 10 - x</u>	subtract 9 from the product of 4 and $f$ 4f - 9		
6.	3 is subtracted from 5 times a <u>5a-3</u>	y minus 3 is 15 <u>y - 3 = 15</u>		
7.	s is added to 9 <u>9 + s</u>	the sum of 8 and t <u>8+t</u>		
8.	take away 9 from h <u>h - 9</u>	one-third of the sum of 7 and k <u>1/3 (7 + </u> k)		
Write each expression in words. ANSWERS MAY VARY				
	$9 \div x$ The quotient of 9 and x			

<b>10.</b> $3 \times q = 2/1$ The product of 3 and g is 2	10.	$3 \times a = 27$	The product of 3 and g is 27
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- **11.**  $6 \times m 4$  The product of 6 and m subtracted by 4
- $\frac{1}{2} \times b + 9 = ||$  1/2 of b plus 9 = 11 12.
- $|4 \div p|$  \_\_\_\_\_The quotient of 14 and p 13.
- $6 \times b = 42$  The product of 6 and b is 42 14.
- $9 \times d 10$  \_\_\_\_\_10 subtracted from the product of 9 and d 15.
- **16.**  $\frac{1}{4} \times t + 8 = 16$  **1/4 times t added by 8 is 16**