Name

1-2A Lesso	on Master	<b>Questions on SPUR Objective</b> See pages 60–63 for objectives.
<b>SKILLS</b> ) Objecti	ve B	
1–3, evaluate each ex	pression.	
<b>1.</b> $2(3+8) \div 3$	<b>2.</b> $2(4+8) \div 3$	<b>3.</b> $2(5+8) \div 3$
4. Write another instar	ce of the pattern shown by Question	ns 1–3.
4. Write another instant <b>5</b> and 6, give two instant 5. $4x^3 = 4 \cdot x \cdot x \cdot x$	ances of each pattern.	$+ 3) = 7 \cdot x + 21$
1 5 and 6, give two inst	ances of each pattern.	
5 and 6, give two instants 5. $4x^3 = 4 \cdot x \cdot x \cdot x$	ances of each pattern.	$(x+3) = 7 \cdot x + 21$
5 and 6, give two instances of a	ances of each pattern. 6. 7(x 	$(x+3) = 7 \cdot x + 21$
5 and 6, give two insta 5. $4x^3 = 4 \cdot x \cdot x \cdot x$ 7. Three instances of a variable.	ances of each pattern. 6. 7(x pattern are given. Describe the pat + 5	$(x+3) = 7 \cdot x + 21$

- **PROPERTIES** Objective G
- 8. Use the Commutative Property of Multiplication to find another expression that gives the same value as  $6a \cdot b$ .

## USES) Objective H

Jana designs and sells T-shirts online. She works through a company that pays her a base of \$50 every month for her designs, plus a 20% profit for every T-shirt that is sold. Each shirt costs \$20.

- **9**. Write an expression that calculates Jana's monthly earnings if she sells *s* T-shirts.
- **10**. How much does Jana make in a month when she sells 30 T-shirts?