

Variables and expressions

Grade 5 Pre-Algebra Worksheet

Write an expression to answer each question. State what the variable is.
The first one is done for you as an example.

	<u>Expression</u>	<u>Variable</u>
John scored 3 more points than James. How many points did John score?	$p + 3$	p = number of points James scored
1. Jasmine is three times as old as her brother Michael. How old is Jasmine?	_____	_____
2. Carl has n colored-pens for his artwork. If his mother gives him 11 more colored pens, how many colored-pens does he have in all?	_____	_____
3. Jimmy works 20 days in a month. If he was absent for d days last month, how many days did he work?	_____	_____
4. Sarah has m baskets of mangoes. If she will be able to sell 8 baskets of mangoes, how many baskets of mangoes will be left?	_____	_____
5. Dennis shared his p marbles among his 5 friends. How many marbles did each friend receive?	_____	_____
6. Jenny earns \$2 for every dress she manages to sell. How much will she earn for b dresses?	_____	_____
7. Sonny has 12 more playing cards than Jamie. How many playing cards does Sonny have?	_____	_____
8. The width of the rectangle is 12 cm shorter than its length. What is the measurement of the width?	_____	_____
9. Anne bought a laptop for \$ w after receiving a discount of \$15. What is the original price of the laptop?	_____	_____