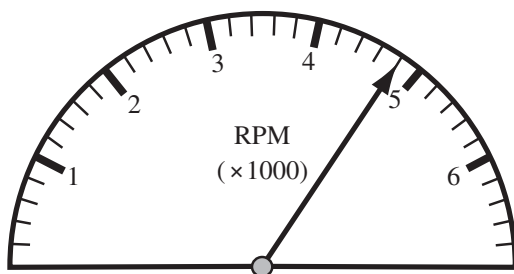


Malden does Math! - Grade 8 MCAS, Spring 2003

You may use your reference sheet during this session.
You may **not** use a calculator during this session.



- 1 The figure below shows an RPM gauge.



How many RPMs is the gauge registering?

- A. 44
- B. 48
- C. 4080
- D. 4800

- 2 Which of the following statements is **false**?

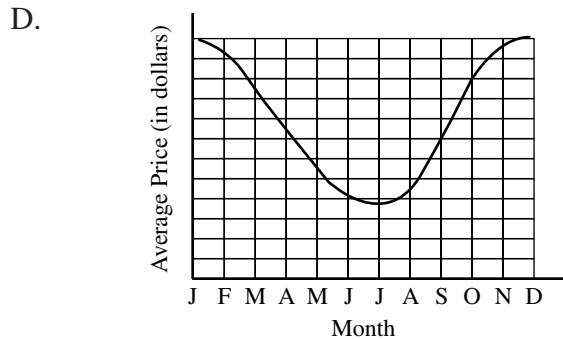
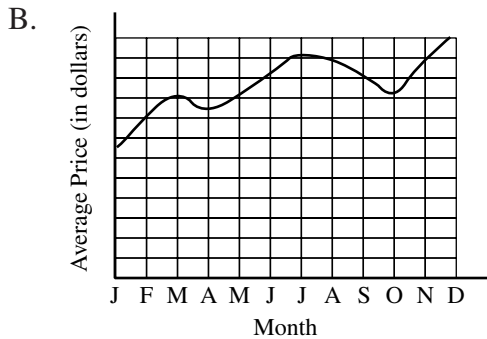
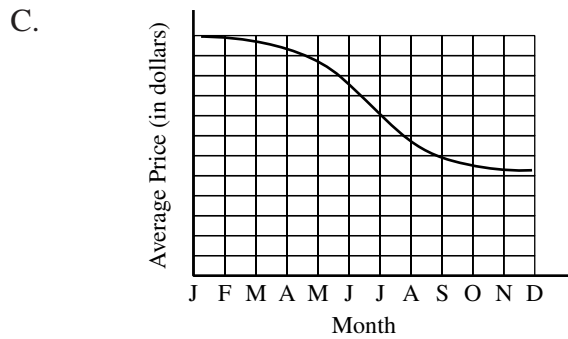
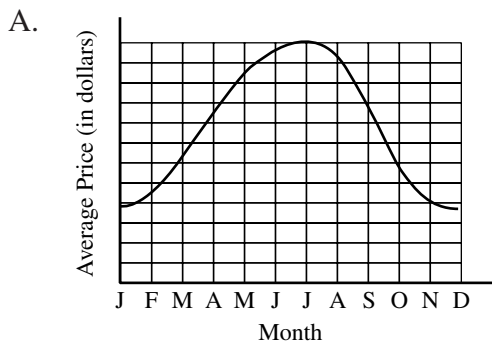
- A. $(-12)(-12)(-12) = 3(-12)$
- B. $12(4 - 1) = 12(4) - 12(1)$
- C. $12 + (4 - 1) = (12 + 4) - 1$
- D. $-12 + 12 = 12 + (-12)$

- 3 The chart below shows the average monthly price per share of HiTek stock for each month in 2001.

2001 HiTek Stock Prices

Month	January	February	March	April	May	June	July	August	September	October	November	December
Average Price (in \$)	22.61	24.25	31.02	27.31	29.92	33.10	36.14	35.50	34.01	31.05	36.20	40.12

Which of the following curves **best** models the general behavior of the stock's price for last year?



4 If $3x + y = 6$, what is the value of $6x + 2y$?

- A. 6
- B. 8
- C. 12
- D. 16

