



# MATHS

**BOOKS - KAPLAN INC MATHS**

**(ENGLISH)**

**SAT MATH: TIMING ANS SECTION**

**MANAGEMENT STRATEGIES**

**Try On You Own**

1. If  $\frac{7}{9}x - \frac{1}{6}x = \frac{1}{3} + \frac{1}{2}$ , what is the value of  $x$ ?

A.  $\frac{15}{14}$

B.  $\frac{15}{11}$

C.  $\frac{3}{2}$

D.  $\frac{25}{14}$

**Answer: B**



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2. If  $f(x) = 2x^2 - 5x + 7$ , what is the value of  $f(8) - f(3)$  ?



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3. Anthony recently completed a trip in 3 hours. If his average speed had been 20 percent faster, how long would the same trip have taken ?

A. 2.2 hours

B. 2.4 hours

C. 2.5 hours

D. 2 hours

**Answer: C**



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4.  $x^2 + 12x - 30$

What is the absolute value of the difference between the two solutions for  $x$  in the equation above ?

A.  $2\sqrt{66}$

B. 4

C.  $6\sqrt{2}$

D. 12

**Answer: A**



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5. Given the equations above, what is the value of  $x + y$ ?



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