

Kangaroo-Style Math Practice, Grades 5-6, Set 3

Name: _____ Date: _____

Choose the correct answer (A, B, C, D or E). Problems get harder as you go: the first two are worth 3 points, the next two 4 points and the last two 5 points.

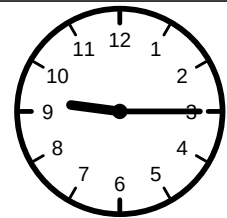
- 1.** Ruby buys 6 books that cost \$4 each and pays with a \$50 bill. How much change does Ruby get?
3 pts

(A) \$21 (B) \$24 (C) \$26 (D) \$36 (E) \$46

- 2.** I think of a number. I add 7, then multiply the result by 3, and get 39. What was my number?
3 pts

(A) 5 (B) 6 (C) 7 (D) 13 (E) 18

- 3.** A movie starts at the time shown on the clock and lasts 1 hour 35 minutes. At what time does it end?
4 pts



(A) 10:05 (B) 10:50 (C) 11:50 (D) 10:35 (E) 9:50

- 4.** What number comes next? 4, 6, 9, 13, 18, ?
4 pts

(A) 22 (B) 23 (C) 24 (D) 25 (E) 26

- 5.** Today is Wednesday. What day of the week will it be in 83 days?
5 pts

(A) Monday (B) Friday (C) Tuesday (D) Thursday (E) Wednesday

- 6.** A book has 66 pages numbered 1, 2, 3, ... up to 66. How many digits are printed in all?
5 pts

(A) 114 (B) 123 (C) 124 (D) 132 (E) 133

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Answer Key

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1. **(C) \$26**

The books cost $6 \times \$4 = \24 , so the change is $\$50 - \$24 = \$26$.

2. **(B) 6**

Work backwards: $39 / 3 = 13$, then $13 - 7 = 6$.

3. **(B) 10:50**

Start at 9:15, add 1 hour and then 35 minutes to reach 10:50.

4. **(C) 24**

The gaps grow by 1 each time (2, 3, 4, ...), so the next gap is 6 and $18 + 6 = 24$.

5. **(C) Tuesday**

Every 7 days it is Wednesday again. $83 = 11 \times 7 + 6$, so count 6 days on from Wednesday: Tuesday.

6. **(B) 123**

Pages 1-9 use 9 digits, pages 10-66 use 114: 123 digits.