

Next Generation Arithmetic ACCUPLACER

Section: ACCUPLACER Next Generation Arithmetic Exams • Total Questions: 10 • Format: Verified Q&A

1. Of the following, which best expresses 52 as a percent of 170?

- (A) 30% of 170
 - (B) 33% of 170
 - (C) 35% of 170
 - (D) 40% of 170
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2. At the Crest Coffee Shop, the cost of a plain bagel was \$0.75 last year. This year the cost of a plain bagel is \$0.90. By what percent did the cost of a plain bagel increase from last year to this year?

- (A) 10%
 - (B) 15%
 - (C) 17%
 - (D) 20%
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3. 1 is 5 percent of what number?

- (A) 5
 - (B) 20
 - (C) 25
 - (D) 50
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4. Linda has borrowed 8 more books than Susan from the school library. Richard has borrowed half as many books as Linda has. If Richard has borrowed 17 books from the library, how many books has Susan borrowed?

- (A) 25
 - (B) 26
 - (C) 34
 - (D) 42
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5. $\frac{3}{8}$ expressed as a percent is

- (A) 3.75%
 - (B) 37.50%
 - (C) 38%
 - (D) $38\frac{1}{3}\%$
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6. $\frac{1}{2}\%$ of 20 is?

- (A) $\frac{1}{10}$
 - (B) $\frac{1}{4}$
 - (C) 5
 - (D) 10
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7. Sienna has four $\times$ as many DVDs as Teri. Robert has half as many DVDs as Teri. If Robert has 32 DVDs, how many DVDs does Sienna have?

- (A) 4
 - (B) 16
 - (C) 64
 - (D) 256
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8. Which of the following is equal to $3 * 9$?

- (A) $6 * 6$
 - (B) $9 * 3$
 - (C) $3 * 3 * 6$
 - (D) $3 * 3 * 3 * 3$
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9. If $3 < a < 7 < b$, which of the following must be greater than 20?

- (A) a^2
 - (B) $2b$
 - (C) ab
 - (D) $b + a$
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10. Harriet took 48 minutes to ride her bike the distance from her house to the town library. If she rode at a constant rate, what fraction of the total distance did she ride in the first 12 minutes?

- (A) $\{1/4\}$
 - (B) $\{1/3\}$
 - (C) $\{1/2\}$
 - (D) $\{3/4\}$
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