ALBERTA MATH 30-3 · UNIT 5 · 5 QUESTIONS

Statistics and Probability — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The graph shows the boxes a packer packed in five hours. The mean number of boxes per hour is**

- A 14
- B 13
- C 15
- D 70

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2 **A single blank red paper price tag with a white string lies flat on a plain white surface, no text, no numbers. Prices of work gloves at five stores are $12, $8, $15, $10, and $9 . The median price is**



A $15

B $10

C $10.80

D $12

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3 **Driving test scores were 40, 48, 55, 60, 66, 72, 79, and 84 . The percentile rank of a score of 66, to the nearest whole number, is**

- **A** 50
- **B** 63
- **C** 56
- **D** 66

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4 **A bin holds 20 parts, and 3 of them are defective. One part is chosen at random. The probability that it is defective is**

- **A** $\frac{3}{17}$
- **B** $\frac{17}{20}$
- **C** $\frac{1}{3}$
- **D** $\frac{3}{20}$

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5 **The probability that a bus is on time is 0.35 . The odds in favour of the bus being on time are**

A 13:7

B 7:13

C 7:20

D 20:7

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ANSWER KEY

1. A
2. B
3. C
4. D
5. B

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