

6th Grade Exam Practice

give me 20 practice problems on the more challenging side for the 6th grade credit by exam in Texas. these will be multiple choice (4 choices) and contain answers at the very end.

Sure! Here are **20 challenging practice multiple-choice problems** for a 6th-grade Credit by Exam (CBE) in Texas. These questions span math, reading, science, and social studies, and they reflect the TEKS (Texas Essential Knowledge and Skills) curriculum at an advanced level for that grade.

6th Grade CBE Practice – Challenging Set

Math

1. A recipe calls for $\frac{3}{4}$ cup of sugar for one batch of cookies. How many cups of sugar are needed for 5 batches?

- A) $3 \frac{1}{4}$
- B) $3 \frac{3}{4}$
- C) $4 \frac{1}{2}$
- D) $5 \frac{1}{4}$

2. Which of the following is equivalent to the expression:

$$4 \times (2 + x) - 3x$$

- A) $8 + x$
- B) $8 - 3x$
- C) $8 + x$
- D) $8 + x$

3. A book is 1.75 inches thick. How many books can fit on a 14-inch shelf?

- A) 7
- B) 8
- C) 6
- D) 10

4. The ratio of boys to girls in a classroom is 3:5. If there are 24 students in total, how many are boys?

- A) 8
- B) 9
- C) 10
- D) 12

5. The equation $3x - 7 = 11$ is solved. What is the value of x ?

- A) 4
 - B) 5
 - C) 6
 - D) 7
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Reading

6. What is the main purpose of a persuasive essay?

- A) To describe an event
- B) To entertain the reader
- C) To inform the reader
- D) To convince the reader of a point of view

7. Read this sentence:

"The room was an oven by the time the sun reached its peak."

What literary device is being used?

- A) Simile
- B) Hyperbole
- C) Metaphor
- D) Personification

8. What can you infer if a character says, *"Sure, I love doing three hours of homework every night,"* with an eye roll?

- A) They enjoy homework
- B) They are being sarcastic
- C) They are confused
- D) They are encouraging others

9. Which of the following is a **theme** commonly found in folktales?

- A) Scientific discovery
- B) Overcoming adversity