

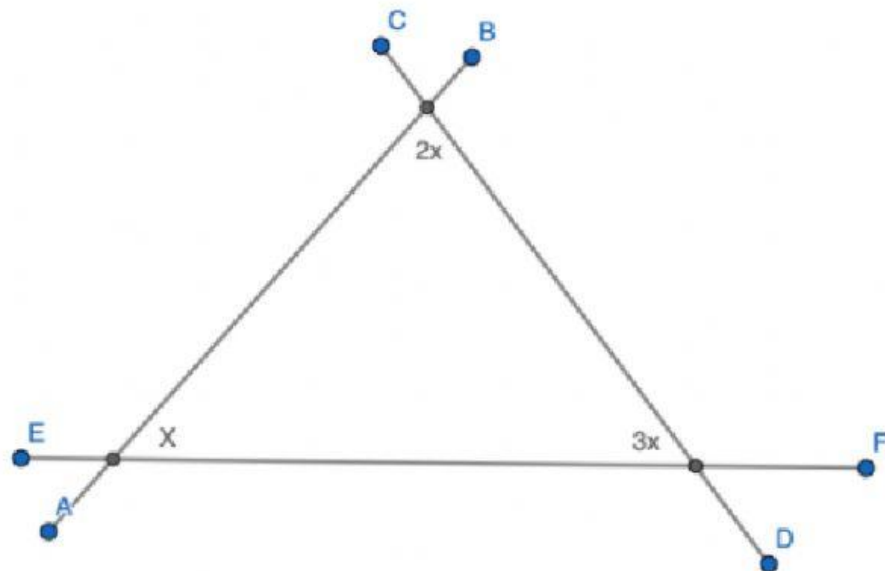
EASE 3 Remedial Exam

1. Sasa wants to know if girls are better than boys at texting quickly in School. The total students in her school is 360.

Decide how big the sample size will be!

- A) 360
- B) 100
- C) 36
- D) 18

2. Find the value of x !



- A) 90
- B) 60
- C) 30
- D) 120

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3. Evaluate $\frac{13}{20} - \frac{3}{8}$.

A) $\frac{11}{40}$

B) $\frac{11}{20}$

C) $\frac{10}{12}$

D) $\frac{11}{12}$

4. Without using a calculator, evaluate $\sqrt[3]{155}$.

A) 10.45

B) 11.45

C) 12.45

D) 13.45

5. Write this expression in a single number $7^2 + 7^1 + 7^0 + 7^2$.

A) 105

B) 35

C) 106

D) 28

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6. A pattern is described in the following way:

To get the next term, triple the previous term then add 2.

If the 1st term is 5, what will be the 3rd term?

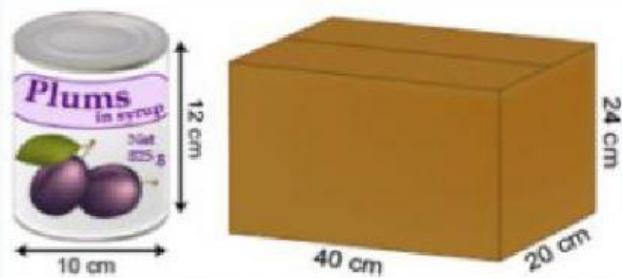
- A) 12
- B) 17
- C) 29
- D) 53

7. Round the number 13.8736 to 2 decimal places (2 d.p.)

- A) 13.89
- B) 13.88
- C) 13.87
- D) 13.874

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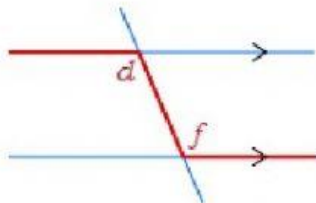
8. Cans of plums are packed into cardboard boxes for shipping.



How many cans will fit in each box?

Hint: Sketch the cans in the diagram of the box.

- A) 14
- B) 15
- C) 16
- D) 17
9. In the figure below, the arms of angles d and f form a Z shape.



The angles d and f are ____.

- A) Supplementary angles
- B) Co-interior angles
- C) Alternate angles
- D) Corresponding angles
10. Magda cycled 20 km in $1\frac{1}{2}$ hours. She cycled another 25 km in 45 minutes.
- What was her average speed for the whole journey? _____ km/h.