Assumption College Ubonratchathani
English for Math 1

Name:…… Class:…….. No. ……

Proportions
สัดส่วน

Example: Solve the proportion to find the variable *m*.

$$\frac{m}{39} = \frac{34}{51}$$

Solution: $51 \times m = 39 \times 34$

$$m = \frac{39 \times 34}{51} = 26$$

Find the value of variable *x* of the following proportions.
จงหาค่าตัวแปร x ของสัดส่วนต่อไปนี้

1) $\frac{x}{12} = \frac{7}{4}$

A. 32 B. 27 C. 24 D. 21

2) $\frac{4}{21} = \frac{16}{x}$

A. 90 B. 72 C. 84 D. 98

3) $\frac{x}{24} = \frac{25}{60}$

A. 10 B. 15 C. 12 D. 16

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4) $\frac{15}{x} = \frac{3}{9}$

A. 49 B. 45 C. 35 D. 36

5) $\frac{56}{72} = \frac{x}{9}$

A. 8 B. 6 C. 7 D. 12

6) $\frac{x}{7} = \frac{36}{21}$

A. 15 B. 12 C. 16 D. 14

7) $\frac{8}{16} = \frac{x}{28}$

A. 18 B. 21 C. 15 D. 14

8) $\frac{10}{x} = \frac{30}{33}$

A. 11 B. 12 C. 18 D. 16

9) $\frac{5}{7} = \frac{35}{x}$

A. 56 B. 42 C. 49 D. 52

10) $\frac{2}{x} = \frac{18}{63}$

A. 7 B. 9 C. 12 D. 8

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