Choose the correct answer.

1 What is the missing number?

12 cm

■ cm | 72 sq cm
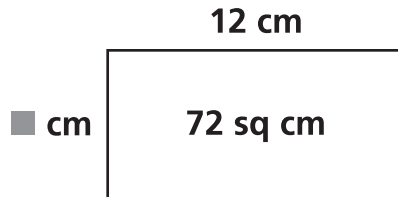
A. 6

B. 8

C. 9

D. 60

2 What is the missing number?

■ cm

8 cm | 56 sq cm | 88 sq cm
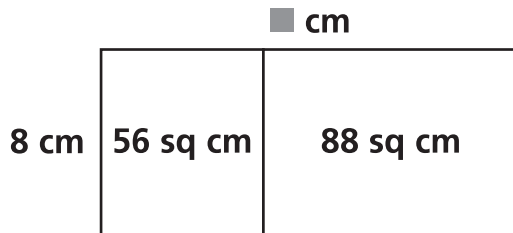
A. 7

B. 11

C. 18

D. 144

3 What is the missing factor?

$6 \times ■ = 78$

A. 12

B. 13

C. 18

D. 72

4 What is the missing product?

$4 \times 17 = ■$

A. 21

B. 48

C. 56

D. 68

5 Use the products to find the missing factor.

$8 \times 100 = 800$
$8 \times 20 = 160$
$8 \times 3 = 24$
$8 \times ■ = 984$

A. 24

B. 120

C. 123

D. 6,000

6 What is the best estimate for the missing factor?

$11 \times ■ = 572$

A. 5

B. 20

C. 50

D. 500

7 Which is the best estimate for the quotient?

$$1{,}224 \div 18 = \blacksquare$$

A. 6

B. 50

C. 60

D. 600

8 Which of the following cannot be used to find the quotient?

$$252 \div 6 = \blacksquare$$

A. $6 \times 40 = 240$
   $6 \times\ \ 2 =\ \ 12$
   $6 \times\ \ 0 =\ \ \ \ 0$

B. $6 \times 36 = 216$
   $6 \times\ \ 8 =\ \ 48$
   $6 \times\ \ 0 =\ \ \ \ 0$

C. $6 \times 32 = 192$
   $6 \times 10 =\ \ 60$
   $6 \times\ \ 0 =\ \ \ \ 0$

D. $6 \times 30 = 180$
   $6 \times 12 =\ \ 72$
   $6 \times\ \ 0 =\ \ \ \ 0$

9 What is the quotient?

$$162 \div 9 = \blacksquare$$

A. 18

B. 19

C. 143

D. 153

10 What is the quotient?

$$432 \div 16 = \blacksquare$$

A. 24

B. 25

C. 26

D. 27

11 Kristi buys a vase for $24. She also buys 2 lamps. Both lamps cost the same amount. She pays $100 in all. How much does each lamp cost?

A. $12

B. $38

C. $48

D. $76

12 There are 228 students in the auditorium. There are 76 fifth graders and 68 sixth graders. The rest of the students are fourth graders. The same number of fourth graders are sitting in each of 12 rows. How many fourth graders are in each row?

A. 6

B. 7

C. 12

D. 19

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