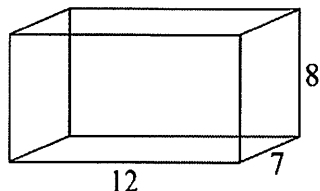


## TEST 32

(Surface Area of Prism and Cylinder)

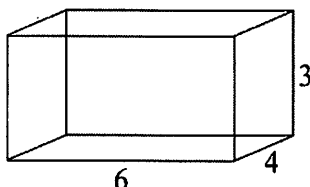
- 1) What is the surface area of the right prism?

- A) 170  
B) 200  
C) 250  
D) 300  
E) 472



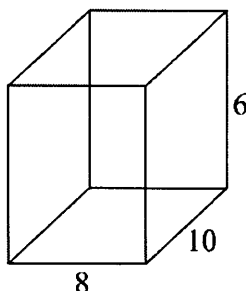
- 2) What is the surface area of the rectangular prism?

- A) 80  
B) 90  
C) 100  
D) 108  
E) 180



- 3) What is the surface area of the rectangular prism?

- A) 376  
B) 186  
C) 176  
D) 166  
E) 156

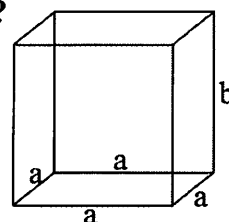


- 4) What is the surface area of the the rectangular prism with the sides of lengths 3, 4, and 5cm?

- A) 90      B) 94      C) 96  
D) 98      E) 104

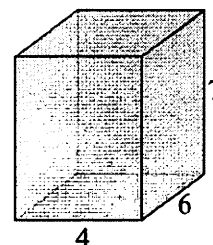
- 5) What is the surface area of a rectangular prism if the base is square with edge length 8cm and height 3cm?

- A) 124  
B) 144  
C) 164  
D) 184  
E) 224



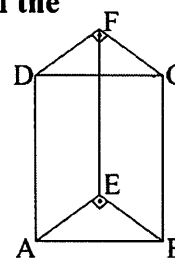
- 6) What is the surface of a right rectangular prism with a height of 7cm, a length of 4cm and width of 6cm?

- A) 148  
B) 168  
C) 178  
D) 188  
E) 208



- 7)  $FC=12$ ,  $DF=9$ ,  $AD=13$ cm. What is the surface area of the triangular prism?

- A) 576  
B) 546  
C) 476  
D) 466  
E) 356



- 8)  $\angle E = \angle F = 90^\circ$ ,  $EA=5$ ,  $BE=12$ ,  $BC=8$ cm. What is the surface area of the triangular prism?

- A) 200  
B) 220  
C) 300  
D) 360  
E) 380

