Surface Area - Rectangular Prism

Find the surface area of each rectangular prism.
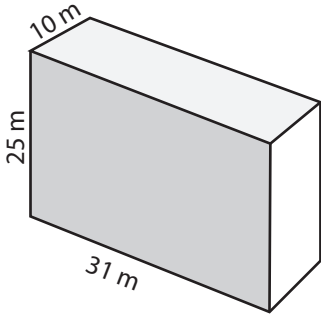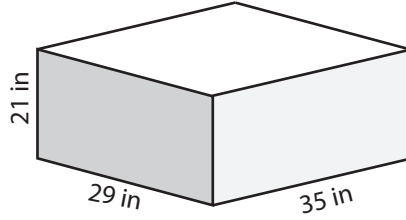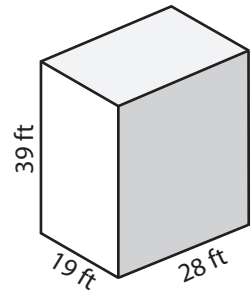
1)

10 m

25 m

31 m

Surface Area = _____

2)

21 in

29 in   35 in

Surface Area = _____

3)

39 ft

19 ft   28 ft

Surface Area = _____

4)

24 cm

49 cm

38 cm

Surface Area = _____

5)

41 mm

40 mm

51 mm

Surface Area = _____

6)

26 m

41 m

12 m

Surface Area = _____

7)

37 m

31 m

30 m

Surface Area = _____

8)

24 ft

47 ft   11 ft

Surface Area = _____

9)

43 mm

34 mm   20 mm
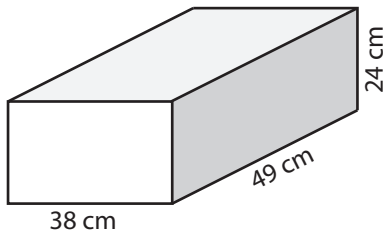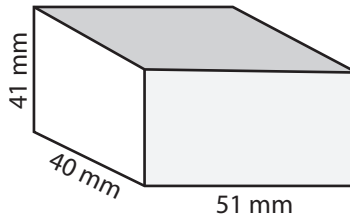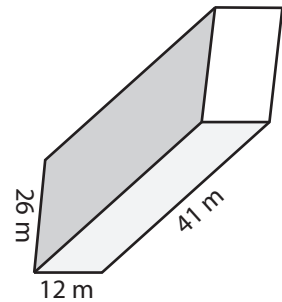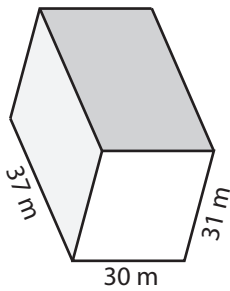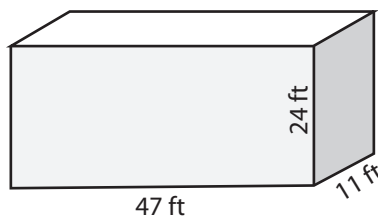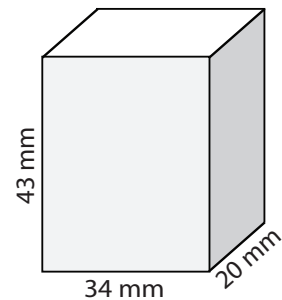
Surface Area = _____

10) Edward Box Makers produces carton boxes each has a length of 40 centimeters, a width of 25 centimeters and a height of 19 centimeters. Find the minimum area of paper required to wrap each box.
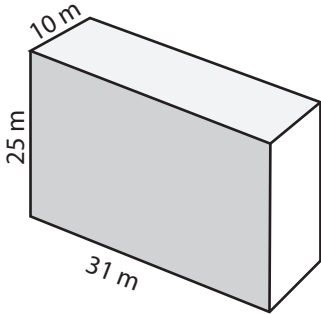
Surface Area = _____

Answer Key

Find the surface area of each rectangular prism.

1)

10 m
25 m
31 m

Surface Area = **2670 m²**

2)

21 in
29 in
35 in
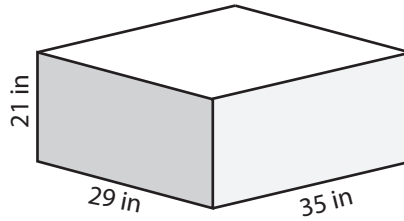
Surface Area = **4718 in²**

3)

39 ft
19 ft
28 ft
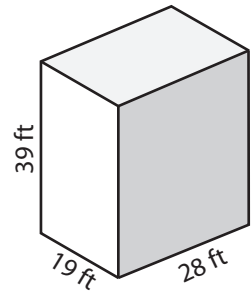
Surface Area = **4730 ft²**

4)

24 cm
49 cm
38 cm
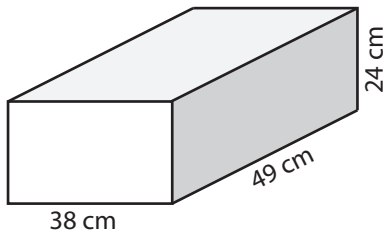
Surface Area = **7900 cm²**

5)

41 mm
40 mm
51 mm
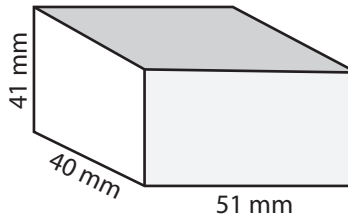
Surface Area = **11542 mm²**

6)

26 m
41 m
12 m
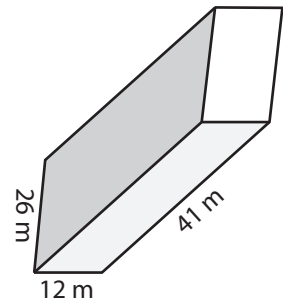
Surface Area = **3740 m²**

7)

37 m
31 m
30 m
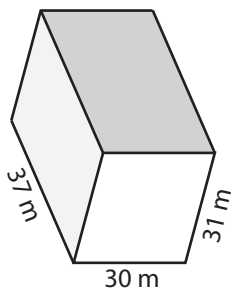
Surface Area = **6374 m²**

8)

24 ft
47 ft
11 ft
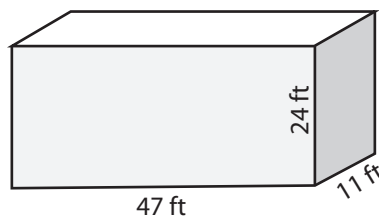
Surface Area = **3818 ft²**

9)

43 mm
34 mm
20 mm
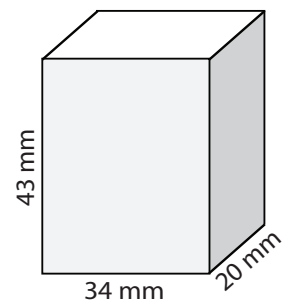
Surface Area = **6004 mm²**

10) Edward Box Makers produces carton boxes each has a length of 40 centimeters, a width of 25 centimeters and a height of 19 centimeters. Find the minimum area of paper required to wrap each box.

Surface Area = **4470 cm²**