A) Find the value of \( x \).

1) \( 0.13, \ 1.16, \ x \)  
Mean = 4.49  
\( x = \) \[ \text{calculation} \]

2) \( 13.2, \ 12.5, \ x, \ 8.14 \)  
Mean = 10.21  
\( x = \) \[ \text{calculation} \]

3) \( 17.6, \ x, \ 18.5, \ 19, \ 0.7 \)  
Mean = 13.42  
\( x = \) \[ \text{calculation} \]

4) \( 19.5, \ 15.2, \ x \)  
Mean = 17.5  
\( x = \) \[ \text{calculation} \]

5) \( 14.5, \ 18.6, \ x, 12.2, \ x, \ 13.7, \ 8.4 \)  
Mean = 12.8  
\( x = \) \[ \text{calculation} \]

B) 1) If the mean of 12.2, 13.2, \( x \) is 14.5, then the value of \( x \) is

a) \( x = 11 \)  
 b) \( x = 18.1 \)  
 c) \( x = 6 \)  
 d) \( x = 6.7 \)

2) The mean of 17.3, 9.6, 13.8, \( x \) is 13.3. The value of \( x \) is

a) \( x = 12.5 \)  
 b) \( x = 13 \)  
 c) \( x = 11.98 \)  
 d) \( x = 12.5 \)

C) Derek drove 12.3 miles in 10 minutes and 14.6 miles in the next 10 minutes. If the mean distance driven by Derek was 13.5 miles in 30 minutes, how many miles did he drive in the last 10 minutes?
A) Find the value of $x$.

1) 0.13, 1.16, $x$
   Mean = 4.49
   $x = \boxed{12.18}$

2) 13.2, 12.5, $x$, 8.14
   Mean = 10.21
   $x = \boxed{7}$

3) 17.6, $x$, 18.5, 19, 0.7
   Mean = 13.42
   $x = \boxed{17.8}$

4) 19.5, 15.2, $x$
   Mean = 17.5
   $x = \boxed{12.5}$

5) 14.5, 18.6, $x$, 12, 13.7, 8.4
   Mean = 12.88
   $x = \boxed{9.42}$

B) 1) If the mean of 12.2, 13.2, $x$ is 14.5, then the value of $x$ is
   a) $x = 11$
   b) $x = 6.7$
   d) $x = 6$

2) The mean of 17.3, 9.6, 13.8, $x$ is 13.3. The value of $x$ is
   a) $x = 12.5$
   b) $x = 13$
   c) $x = 11.98$
   d) $x = 12.5$

C) Derek drove 12.3 miles in 10 minutes and 14.6 miles in the next 10 minutes. If the mean distance driven by Derek was 13.5 miles in 30 minutes, how many miles did he drive in the last 10 minutes?

$\boxed{13.6}$ miles