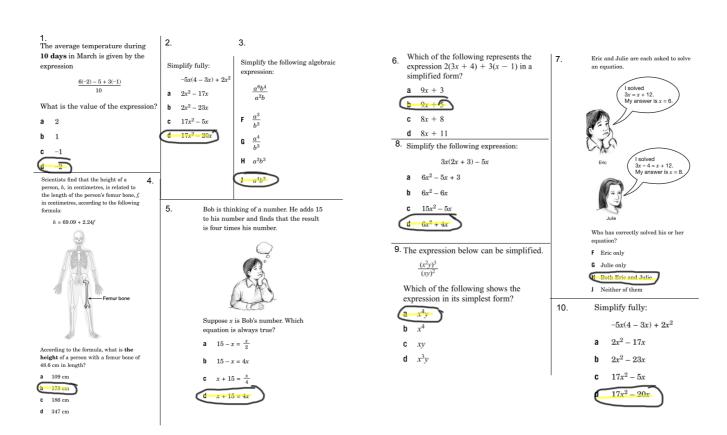
Answers



Nov 25-9:16 PM

Nov 25-9:26 PM

11. While experimenting with a toy rocket, Dan determines that he can model the rocket's height, h, in metres, with respect to time, t, in seconds, using the equation

$$h=\frac{1}{2}t^2$$



Which calculation correctly finds the value of h when t = 10?

value of h when
$$t =$$
a

$$h = \frac{1}{2} \times 10^{2}$$

$$= 5^{2}$$

$$= 25$$
b

$$h = \frac{1}{2} \times 10^{2}$$

$$= \frac{1}{2} \times 20$$

$$= 10$$
c

$$h = \frac{1}{2} \times 10^{2}$$

$$= \frac{1}{2} \times 100$$

$$= \frac{1}{2} \times 100$$

$$= \frac{1}{4} \times 100$$

= 25