Task card 1 Interpreting Rate of Change & Init...

The equation S = 181 + 11n gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 181 represent: the rate of change or the initial value?

Task card 2 Interpreting Rate of Change & Init...

The equation F = 2d + 4 gives the fare F, in dollars, for a taxi ride of d miles. What does the number 4 represent: the rate of change or the initial value?

Task card 3 Interpreting Rate of Change & Init...

The equation P = 31 + 10g gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 10 represent: the rate of change or the initial value?

Task card 4 Interpreting Rate of Change & Init...

The equation H = 4w + 14 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 4 represent: the rate of change or the initial value?

Task card 5 Interpreting Rate of Change & Init...

The equation W = 231 + 30t gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 231 represent: the rate of change or the initial value?

Task card 6 Interpreting Rate of Change & Init...

The equation S = 7n + 159 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 159 represent: the rate of change or the initial value?

Task card 7 Interpreting Rate of Change & Init...

The equation C = 58 + 15h gives the cost C, in dollars, of renting a boat for h hours. What does the number 15 represent: the rate of change or the initial value?

Task card 8 Interpreting Rate of Change & Init...

The equation S = 27n + 47 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 47 represent: the rate of change or the initial value?

Task card 9 Interpreting Rate of Change & Init...

The equation F = 5 + 2d gives the fare F, in dollars, for a taxi ride of d miles. What does the number 5 represent: the rate of change or the initial value?

Task card 10 Interpreting Rate of Change & Init...

The equation C = 39h + 60 gives the cost C, in dollars, of renting a boat for h hours. What does the number 39 represent: the rate of change or the initial value?

Task card 11 Interpreting Rate of Change & Init...

The equation C = 42 + 38h gives the cost C, in dollars, of renting a boat for h hours. What does the number 42 represent: the rate of change or the initial value?

Task card 12 Interpreting Rate of Change & Init...

The equation W = 34t + 183 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 34 represent: the rate of change or the initial value?

Task card 13 Interpreting Rate of Change & Init...

The equation P = 16 + 5g gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 16 represent: the rate of change or the initial value?

Task card 14 Interpreting Rate of Change & Init...

The equation H = 4w + 10 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 4 represent: the rate of change or the initial value?

Task card 15 Interpreting Rate of Change & Init...

The equation P = 41 + 10g gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 41 represent: the rate of change or the initial value?

Task card 16 Interpreting Rate of Change & Init...

The equation C = 19h + 51 gives the cost C, in dollars, of renting a boat for h hours. What does the number 51 represent: the rate of change or the initial value?

Task card 17 Interpreting Rate of Change & Init...

The equation H = 5 + 4w gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 4 represent: the rate of change or the initial value?

Task card 18 Interpreting Rate of Change & Init...

The equation S = 9n + 123 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 9 represent: the rate of change or the initial value?

Task card 19 Interpreting Rate of Change & Init...

The equation H = 15 + 6w gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 6 represent: the rate of change or the initial value?

Task card 20 Interpreting Rate of Change & Init...

The equation F = 2d + 7 gives the fare F, in dollars, for a taxi ride of d miles. What does the number 7 represent: the rate of change or the initial value?

Task card 21 Interpreting Rate of Change & Init...

The equation F = 8 + 4d gives the fare F, in dollars, for a taxi ride of d miles. What does the number 4 represent: the rate of change or the initial value?

Task card 22 Interpreting Rate of Change & Init...

The equation H = 2w + 12 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 12 represent: the rate of change or the initial value?

Task card 23 Interpreting Rate of Change & Init...

The equation F = 3 + 4d gives the fare F, in dollars, for a taxi ride of d miles. What does the number 3 represent: the rate of change or the initial value?

Task card 24 Interpreting Rate of Change & Init...

The equation C = 24h + 42 gives the cost C, in dollars, of renting a boat for h hours. What does the number 42 represent: the rate of change or the initial value?

Interpreting Rate of Change & Initial Value Task Cards

Recording sheet · Grade 8 · Answer each question with "rate of change" or "initial value".

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Interpreting Rate of Change & Initial Value Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. initial value	**2.** initial value	**3.** rate of change
4. rate of change	**5.** initial value	**6.** initial value
7. rate of change	**8.** initial value	**9.** initial value
10. rate of change	**11.** initial value	**12.** rate of change
13. initial value	**14.** rate of change	**15.** initial value
16. initial value	**17.** rate of change	**18.** rate of change
19. rate of change	**20.** initial value	**21.** rate of change
22. initial value	**23.** initial value	**24.** initial value