



Lesson

Realistic Mathematics Education

Slides Author

9 Farida Nurhasanah

Teacher

Farida Nurhasanah

Date

10/05

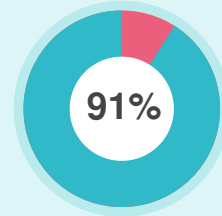
Time

13:27

 # of Students

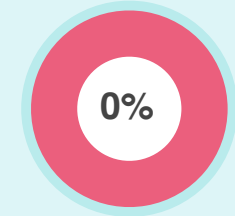


 Student Participation



 Quizzes

Correct Answers



 Student List

#	Nickname	Other	Dra w It	Colla b	#	Nickname	Other	Dra w It	Colla b
1	fatkhunur fariza	fatkhunur	100%	-	2	gigih	gigih	100%	-
3	Intan Nurditasari	Intan	100%	-	4	Juliana K. H.	Juliana	100%	-
5	Puput Relitasari	Puput	100%	-	6	Septian Henry Riswandha	Septian	100%	-
7	Setyawan Pradana		100%	-	8	Sofi tsaqifah	Sofi	100%	-
9	Tamara Dita Wn	tamara	100%	-	10	Ulpa Shalihah	Ulpa	0%	-
11	Ulpa Shalihah	Ulpa	100%	-					

Draw It Perhatikan gambar yang tersedia, selesaikan soal disamping menggunakan dua cara

Date	Nickname	Drawing	Other
10/05/2021	fatkhunur fariza	$\begin{aligned} 2x + y &= 80 \\ x + 2y &= 24 \\ x &= 28 \\ y &= 24 \\ \text{Payung} &= 28.000 \\ \text{Topi} &= 24.000 \end{aligned}$	fatkhunur
10/05/2021	gigih	<p>Menggunakan metode eliminasi dan substitusi</p> $\begin{aligned} 40x + 2y &= 160 \\ 20x + 2y &= 48 \\ \hline 20x &= 112 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 40x + 2y &= 160 \\ 40(5,6) + 2y &= 160 \\ 224 + 2y &= 160 \\ 2y &= 160 - 224 \\ 2y &= -64 \\ y &= -32 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 20x + 2y &= 48 \\ 20(5,6) + 2y &= 48 \\ 112 + 2y &= 48 \\ 2y &= 48 - 112 \\ 2y &= -64 \\ y &= -32 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 40x + 2y &= 160 \\ 40x + 2(-32) &= 160 \\ 40x - 64 &= 160 \\ 40x &= 160 + 64 \\ 40x &= 224 \\ x &= 5,6 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 20x + 2y &= 48 \\ 20(5,6) + 2y &= 48 \\ 112 + 2y &= 48 \\ 2y &= 48 - 112 \\ 2y &= -64 \\ y &= -32 \end{aligned}$	gigih
10/05/2021	Intan Nurditasari	$\begin{cases} ax + by = c \\ px - qy = r \end{cases}$	Intan
10/05/2021	Juliana K. H.	<p>Misalkan</p> <p>x menyatakan harga satu payung dan y menyatakan harga satu topi</p> $\begin{aligned} 2x + y &= 80 \quad \dots (1) \\ 2x + 2y &= 24 \quad \dots (2) \end{aligned}$ <p>Eliminasi</p> $\begin{aligned} 2x + y &= 80 \\ 2x + 2y &= 24 \\ \hline -y &= 56 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 2x + y &= 80 \\ 2x + (-56) &= 80 \\ 2x - 56 &= 80 \\ 2x &= 80 + 56 \\ 2x &= 136 \\ x &= 68 \end{aligned}$ <p>Substitusi</p> $\begin{aligned} 2x + y &= 80 \\ 2(68) + y &= 80 \\ 136 + y &= 80 \\ y &= 80 - 136 \\ y &= -56 \end{aligned}$	Juliana
10/05/2021	Puput Relitasari		Puput

10/05/2021 Septian Henry Riswandha

Septian

$$\begin{array}{l} 2a + b = 90 \\ a + 2b = 76 \end{array} \quad \begin{array}{l} \times 2 \\ - \\ \hline \end{array} \quad \begin{array}{l} 4a + b = 180 \\ a + 2b = 76 \\ \hline 3a = 104 \\ a = 34 \end{array}$$

$$\begin{array}{l} 2(34) + b = 90 \\ 68 + b = 90 \\ b = 24 \end{array}$$

10/05/2021 Setyawan Pradana

Ditanyakan
x adalah payung
y adalah topi
diketahui
 $2x + y = 80$ (1)
 $x + 2y = 76$ (2)
kemudian dapat dikurangkan sehingga didapat
 $2(80) - 2(x + 2y) = 2(80) - 2(x + 2y)$
 $x + 2(2y) = 76$
 $x + 4y = 160$
 $x + 2y = 76$
 \hline
 $2y = 84$
 $y = 42$
jadi
 $y = 80 - 2(42)$
 $y = 80 - 84$
 $y = -4$
sehingga didapat harga 1 payung yaitu 80 dan harga 1 topi yaitu

10/05/2021 Sofi tsaqifah

Sofi

$$\begin{array}{l} 2x + b = 90 \\ a + 2b = 76 \end{array} \quad \begin{array}{l} \times 2 \\ - \\ \hline \end{array} \quad \begin{array}{l} 4a + 2b = 180 \\ a + 2b = 76 \\ \hline 3a = 104 \\ a = 34 \end{array}$$

$$\begin{array}{l} 2(34) + b = 90 \\ 68 + b = 90 \\ b = 24 \end{array}$$

10/05/2021 Tamara Dita Wn

tamara

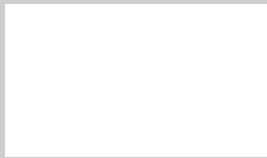
$$\begin{array}{l} 2x + y = 80 \\ x + 2y = 76 \end{array} \quad \begin{array}{l} \times 2 \\ - \\ \hline \end{array} \quad \begin{array}{l} 4x + 2y = 160 \\ x + 2y = 76 \\ \hline 3x = 84 \\ x = 28 \end{array}$$

$$\begin{array}{l} 2(28) + y = 80 \\ 56 + y = 80 \\ y = 24 \end{array}$$

jadi
 $x = 28$
 $y = 24$

10/05/2021 Ulpa Shalihah

Ulpa



10/05/2021 Ulpa Shalihah

Ulpa

2x+3=8
2x+3-3=8-3
2x=5
x=2.5

 Collaborate Board Curah Gagasan

Class board