

No.

Date

Rama Irawan.

Soal Evaluasi matematika.

Jawaban :

1. Pita rani : diketahui

$$3,5 = 350 \text{ cm}$$

$$\text{Setiap Potongan} = 25 \text{ cm}$$

$$\text{Perhitungan} : 350 \div 25 = 14$$

" Rani dapat membuat 14 potong utuh tanpa sisa : benar

2. Jarak dika :

$$\text{Jarak} = 2,4 \text{ km}$$

$$\text{Sudah berjalan} = 750 \text{ m}$$

$$= 2,4 \text{ km} = 2.400 \text{ m}$$

$$2.400 \text{ m} - 750 \text{ m} = 1.650 \text{ m}$$

$$1.650 = \underline{\underline{1,65 \text{ km}}}$$

3. Panjang kotak Pensil :

$$\text{kotak Pertama} = 25 \text{ cm}$$

$$\text{kotak kedua} = 0,3 \text{ m}$$

$$= 0,3 \text{ m ke cm} = 0,3 \times 100 = 30 \text{ cm}$$

$$= 30 \text{ cm} - 25 \text{ cm} = 5 \text{ cm}$$

= kesimpulan ani salah

4. konversi 4,25 km ke mm :

km - hm - dam - m - dm - cm - mm

Setiap turun di $\times 10$

$$4,25 \text{ km} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$$

$$= 4.250.000 \text{ mm}$$

Fold

5. luas lantai

$$P = 8m$$

$$l = 6m$$

$$\text{luas} : 8 \times 6 = 48 m^2$$

$$\text{karena } 1m = 100 cm$$

$$1m^2 = 100 \times 100 = 10.000 cm^2$$

$$\text{Jadi } 48 \times 10.000 = 480.000 cm^2$$

7. luas lapangan
kebun : diket 1,5 Hektare

$$1 \text{ hektare} : 10.000 m^2$$

$$1,5 \text{ hektare} \times 10.000 = 15.000 m^2$$

6. luas kebun : diket $2.500 m^2$

$$: 1m^2 = 10.000 cm^2$$

$$: 2.500 \times 10.000 = 25.000.000 cm^2$$

$$: \underline{\underline{25.000.000 cm^2}}$$

8 Jarak lari : setiap Peserta = 250 m

$$\text{Jumlah Peserta} : 8$$

$$250 \times 8 = 2.000 m$$

$$: 2.000 \div 1000 = 2 km$$

kelompok a dan c benar.

9. tepung : tersedia : 2,5 kg

$$\text{kegram} = 2,5 \times 1000 = 2.500 g$$

$$1 \text{ kue } 250 \text{ gram}$$

$$: 2.500 \div 250 = 10$$

jadi butuh 10 loyang kue

No.

Date

10. Pupuk = 3 liter

$$= 1 \text{ liter} = 1.000 \text{ ml}$$

$$= 3 \text{ liter} = 3.000 \text{ ml}$$

tanaman membutuhkan 250 ml

$$= 3.000 \div 250 = 12$$

$$= \underline{\underline{12}}$$

11 air dalam botol = 5 liter = 5.000 ml

$$1 \text{ botol} = 350 \text{ ml}$$

$$= 5.000 \div 350 = 14$$

$$= 14 \times 350 = 4.900 \text{ ml}$$

$$\text{sisia} = \underline{\underline{100 \text{ ml}}}$$

12. luas Persegi : sisi = 40 cm

$$\text{luas} = 40 \times 40 = 1.600 \text{ cm}^2$$

$$\text{ubah ke dm}^2: 40 \text{ cm} = 4 \text{ dm}$$

$$\text{luas} = 4 \times 4 = 16 \text{ dm}^2$$

= andi dan beni benar

13 Papan 6 feet

$$= 1 \text{ foot} = 12 \text{ inch}$$

$$= 1 \text{ inch} = 2,54 \text{ cm}$$

$$= 6 \text{ feet} = 6 \times 12 = 72 \text{ inch}$$

$$= 72 \times 2,54 = \underline{\underline{182,88 \text{ cm}}}$$

14. lintasan 2 miles = 1 mile = 1.760 yard

$$= 1 \text{ yard} = 0,9144 \text{ m}$$

$$= 2 \times 1.760 = 3.520 \text{ yard}$$

$$= 3.520 \times 0,9144 = \underline{\underline{3.218,688 \text{ m}}}$$

16. kebun bentuk L = segi Panjang = $10 \times 8 = 80 \text{ m}^2$
 yang dipotong = $4 \times 3 = 12 \text{ m}^2$
 luas kebun = $80 - 12 = 68 \text{ m}^2$
 ke cm^2 : $68 \times 10.000 = \underline{\underline{680.000 \text{ cm}^2}}$

17 konversi $2 \text{ m}^2 = 2 \text{ m}^2 \times 10.000 = 20.000 \text{ cm}^2$
 untuk dm^2 : $1 \text{ m}^2 = 100 \text{ dm}^2$
 $2 \text{ m}^2 = 2 \times \cancel{10.000} 100 = 200 \text{ dm}^2$
 rara dan sasa benar

18 luas taman : P = 2,5 m
 L = 80 cm
 satuan ke cm
 luas = $250 \times 80 = 20.000 \text{ cm}^2$
 dalam m^2 : $20.000 \div 10.000 = 2 \text{ m}^2$
 Jawaban a = 20.000 cm^2
 b = 2 m^2

19. kebun a dan b : a = 2.000 m^2
 b = 0,25 hektare
 1 hektare = 10.000 m^2
 $0,25 \times 10.000 = 2.500 \text{ m}^2$
 $2.500 - 2000 = \underline{\underline{500 \text{ m}^2}}$

No. _____

Date _____

Fold

20. luas Papan : $P = 2 \text{ yard}$

$L = 3 \text{ feet}$

$1 \text{ yard} = 3 \text{ feet}$

$2 \text{ yard} = 2 \times 3 = 6 \text{ feet}$

luas : $6 \times 3 = 18 \text{ feet}^2$

Ubah ke cm^2 : $1 \text{ feet} = 12 \text{ inch}$

$1 \text{ inch} = 2.54 \text{ cm}$

$1 \text{ feet} = 12 \times 2.54 = 30.48 \text{ cm.}$

$= 18 \times 30.48 \times 30.48$

$= 16.722.6624 \text{ cm}^2$