

NAMA = .....

KELAS/NO = .....

1. Sebuah benda diletakkan didepan cermin cekung pada jarak 4 cm. jika titik fokus cermin tersebut adalah 8 cm, berapa jarak bayangan terhadap benda ?

Diket :

S = ..... cm

F = ..... cm

Ditanya :

S' = ..... cm

Jawab :

Rumus :  $\frac{1}{f} = \frac{1}{s} + \frac{1}{s'}$

Rumus  $\frac{1}{s'} = \frac{1}{\dots} - \frac{1}{\dots}$

Angka  $\rightarrow \frac{1}{s'} = \frac{1}{\dots} - \frac{1}{\dots}$

$$\frac{1}{s'} = \frac{\dots - \dots}{\dots}$$

$$\frac{1}{s'} = \frac{\dots}{\dots}$$

$$s' = \dots \text{ cm}$$

2. Sebuah benda diletakkan didepan cermin cembung pada jarak 3 cm. jika titik focus cermin tersebut adalah 6 cm, berapa jarak bayangan terhadap benda ?

Ingat !! pada cermin cembung jarak fokusnya negative (-)

|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <p>Diket :</p> <p>S = ..... cm</p> <p>F = ..... cm</p> <p>Ditanya :</p> <p>S' = ..... cm</p> | <p>Jawab :</p> <p>Rumus : <math>\frac{1}{f} = \frac{1}{s} + \frac{1}{s'}</math></p> <p>Rumus <math>\frac{1}{s'} = \frac{1}{\dots\dots} - \frac{1}{\dots\dots}</math></p> <p>Angka <math>\rightarrow \frac{1}{s'} = \frac{1}{\dots\dots} - \frac{1}{\dots\dots}</math></p> <p><math>\frac{1}{s'} = \frac{\dots\dots - \dots\dots}{\dots\dots}</math></p> <p><math>\frac{1}{s'} = \frac{\dots\dots}{\dots\dots}</math></p> <p><math>s' = \dots\dots\dots \text{ cm}</math></p> |
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