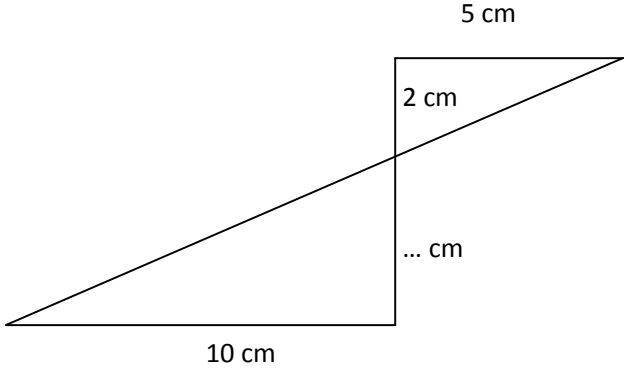
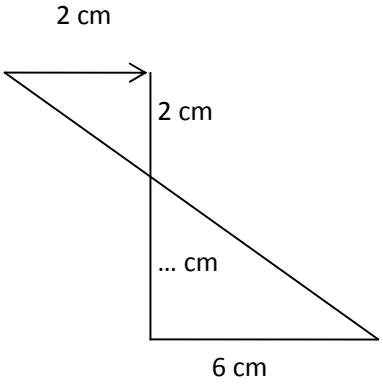
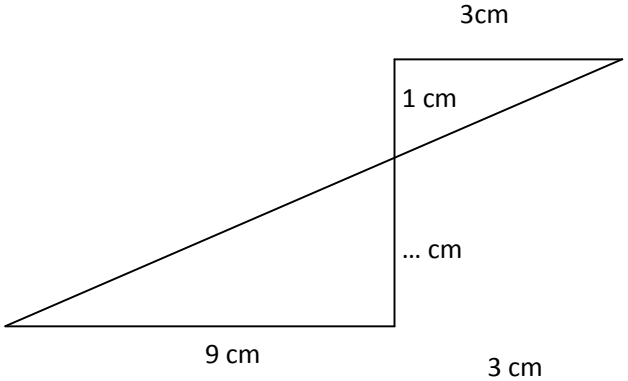
Cara belajar Optik:

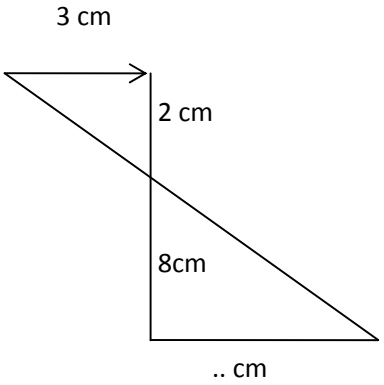
1. Pelajari geometri (menghitung panjang sisi segitiga lewat perbandingan segitiga sebangun)
2. Pelajari jalannya sinar pada lensa dan cermin
3. Manfaatkan geometri dan jalannya sinar untuk menyelesaikan soal-soal optika geometri.

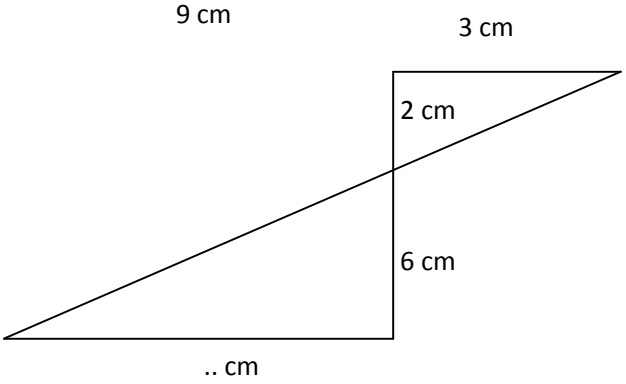
1. Perbandingan Segitiga (skala tidak tepat)

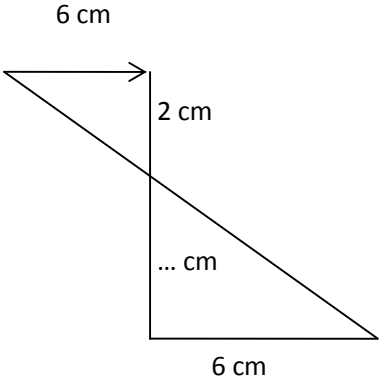


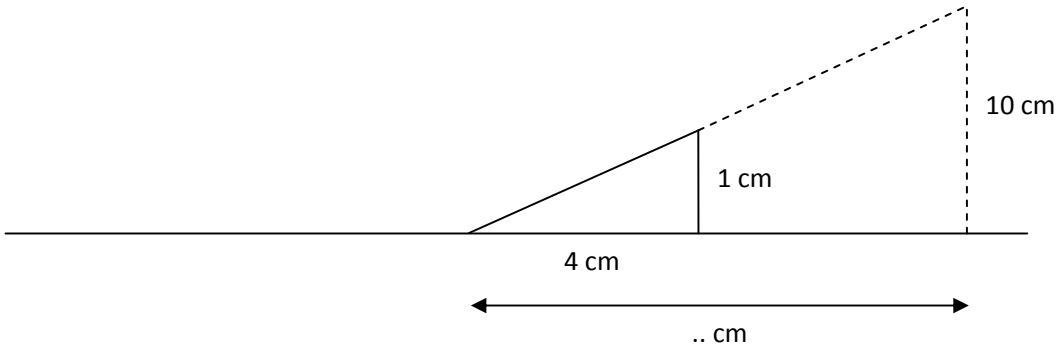

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4 cm
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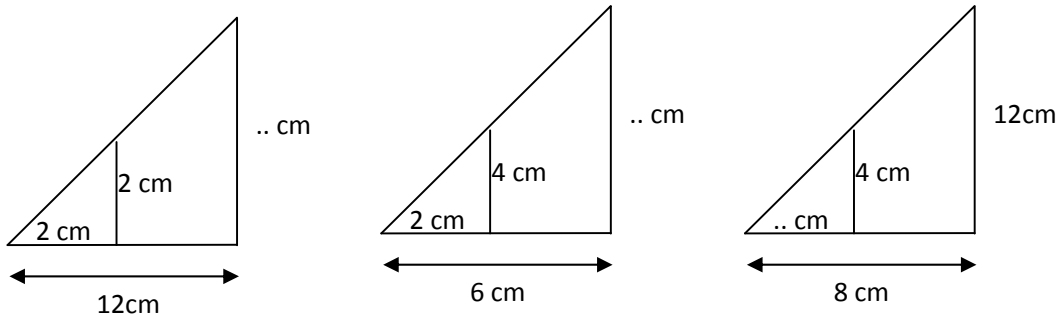
.. cm
2 cm
2 cm
12cm
.. cm
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2 cm
6 cm
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4 cm
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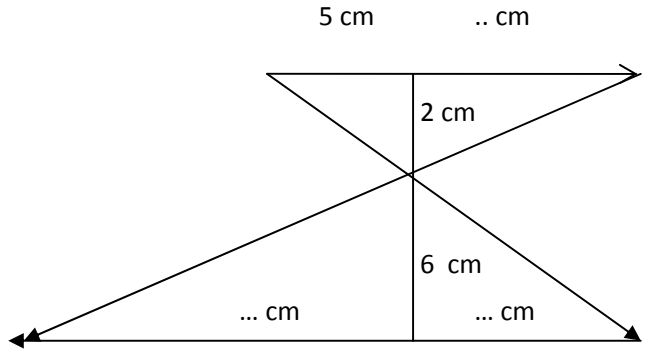
8 cm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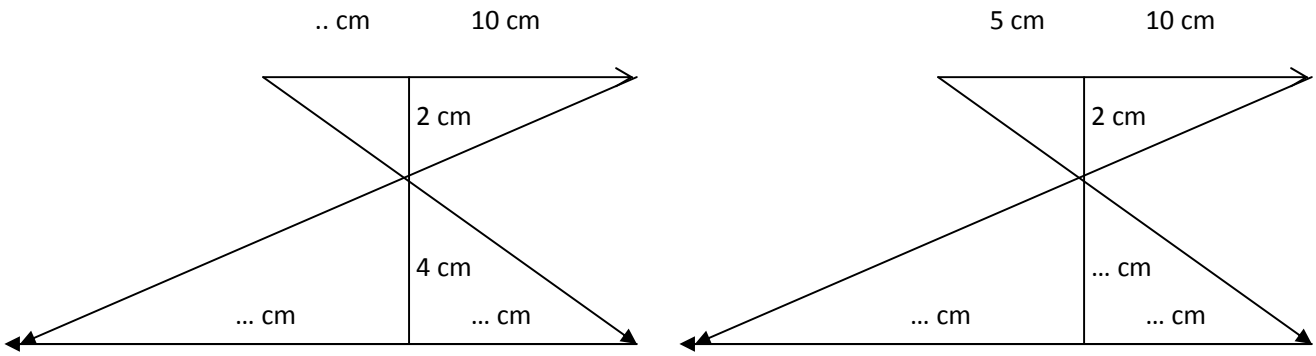
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5 cm
10 cm
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... cm
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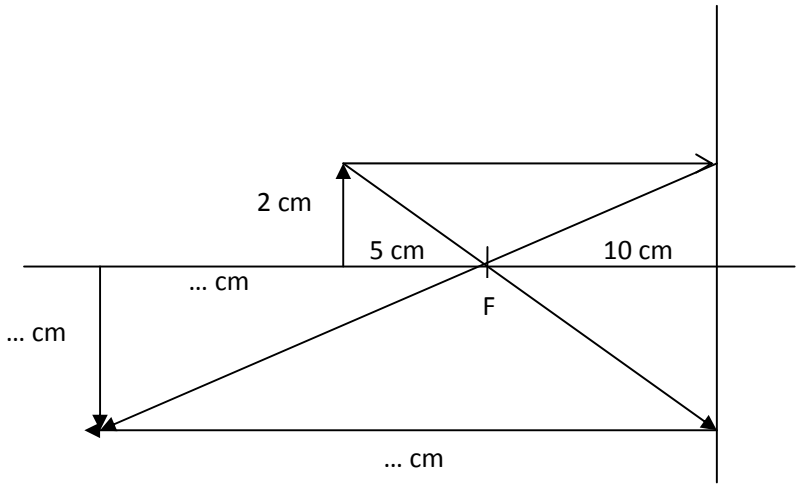
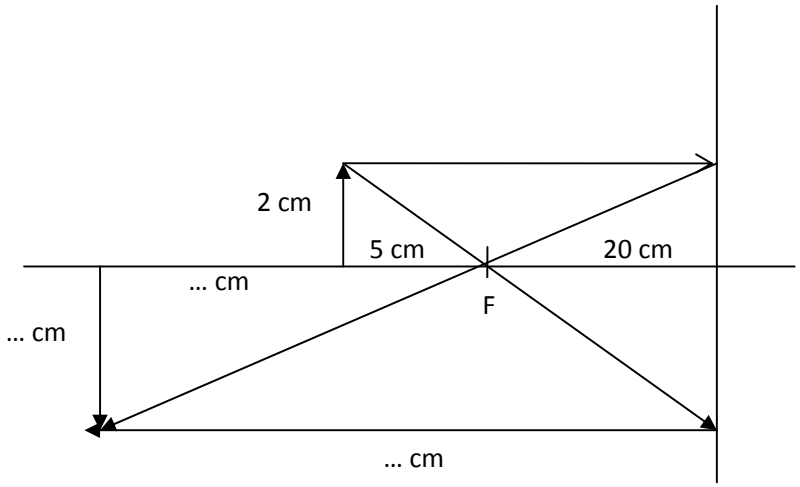
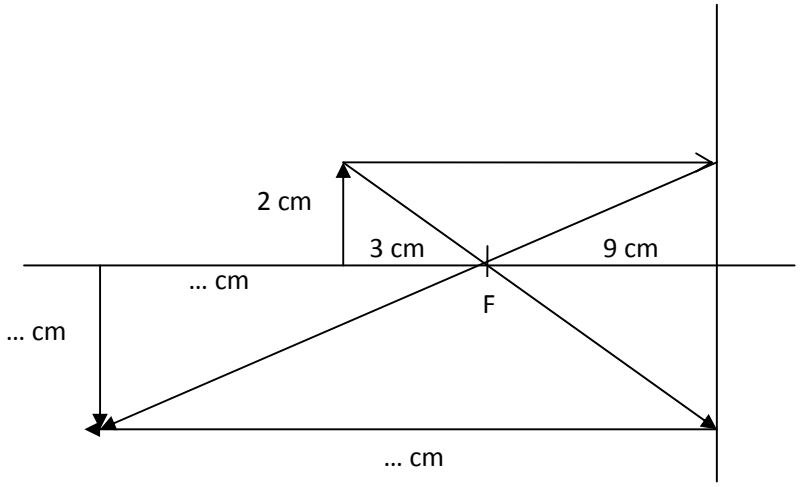
... cm

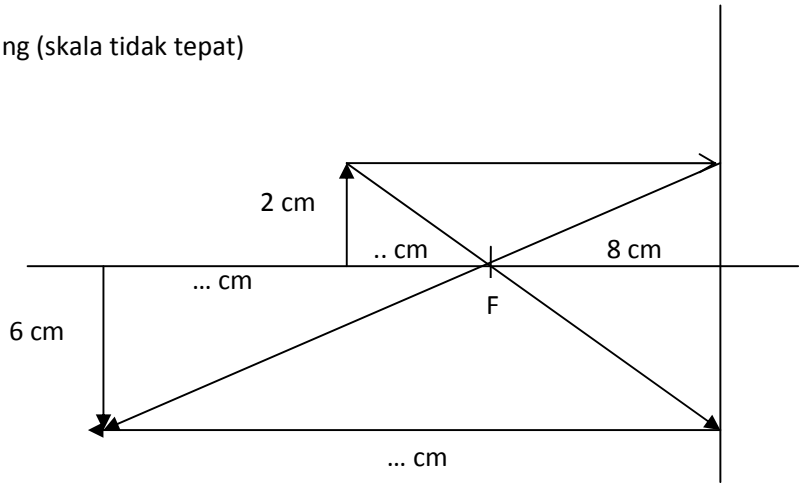
2. Hitung tinggi bayangan  dan jarak bayangan (cermin cekung) (skala tidak tepat)

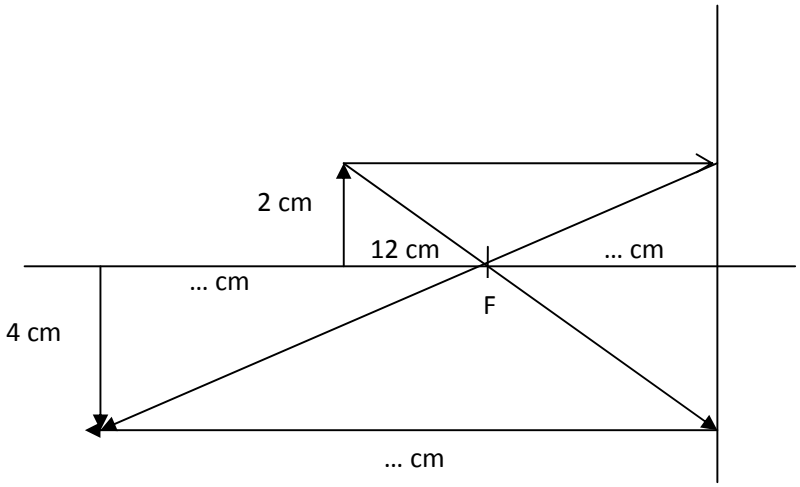


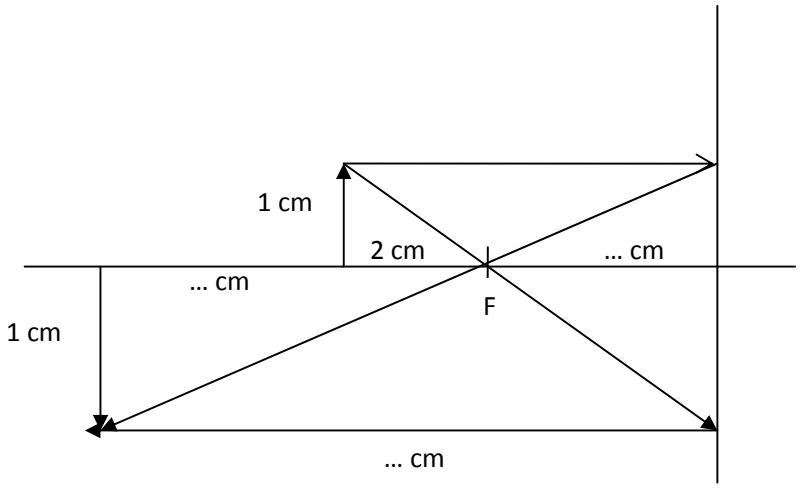



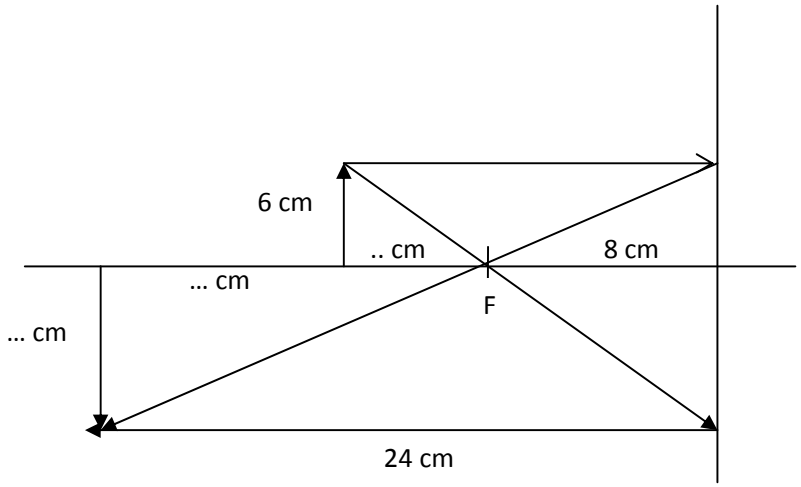
3. cermin cekung (skala tidak tepat)

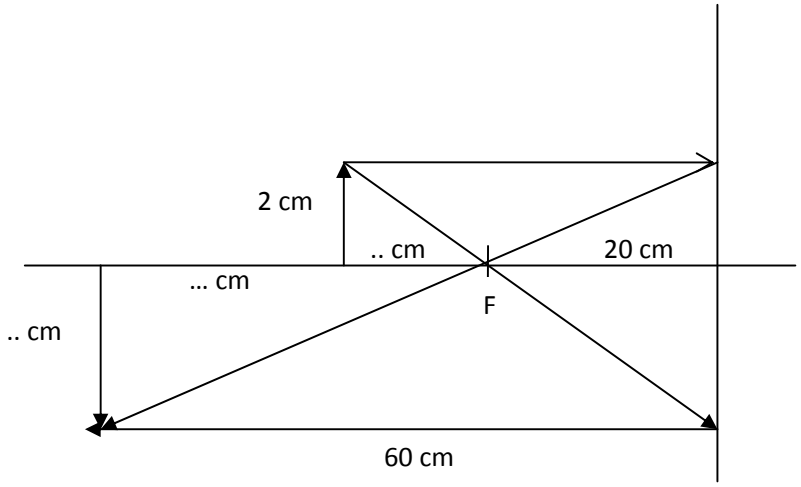


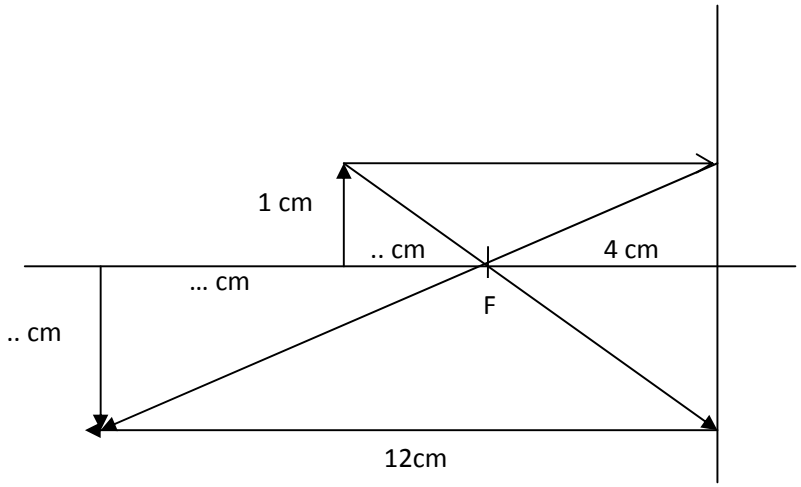



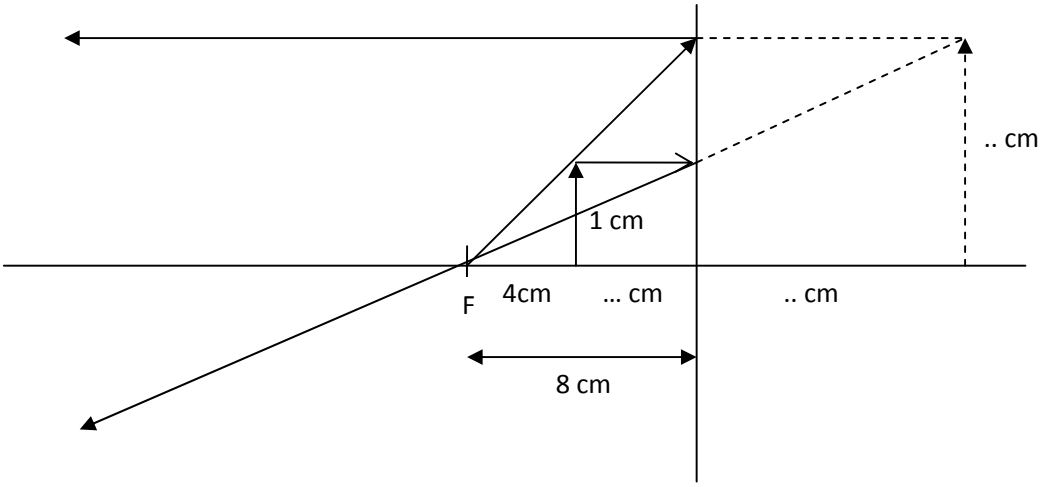
4. Cermin cekung (skala tidak tepat)

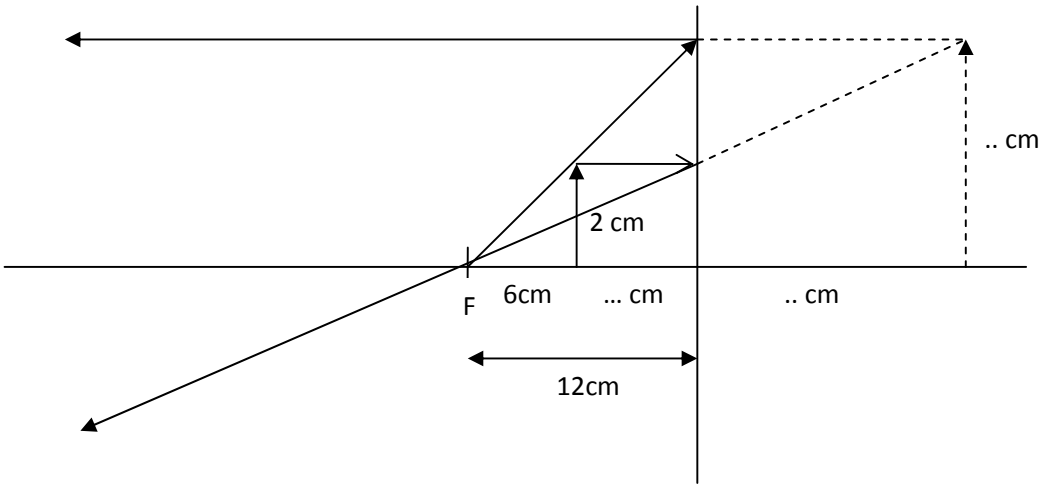


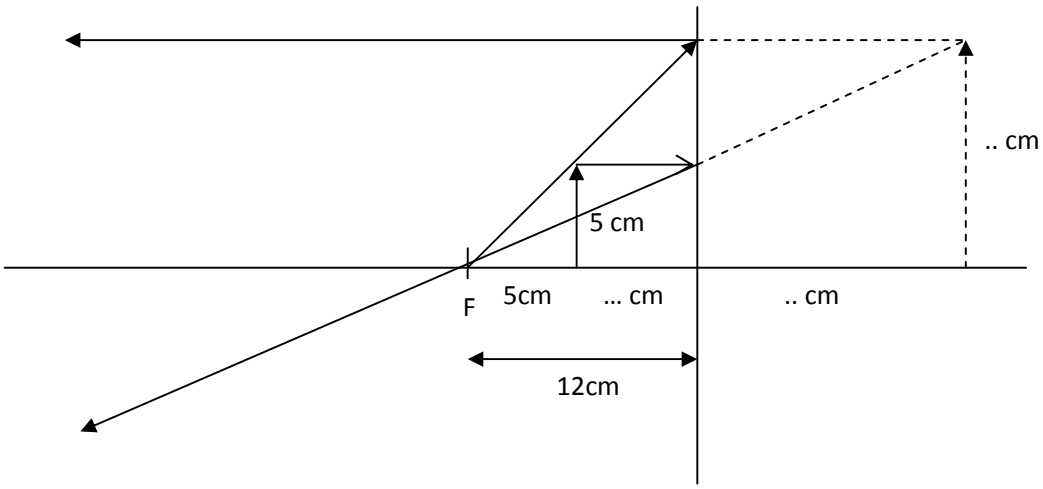



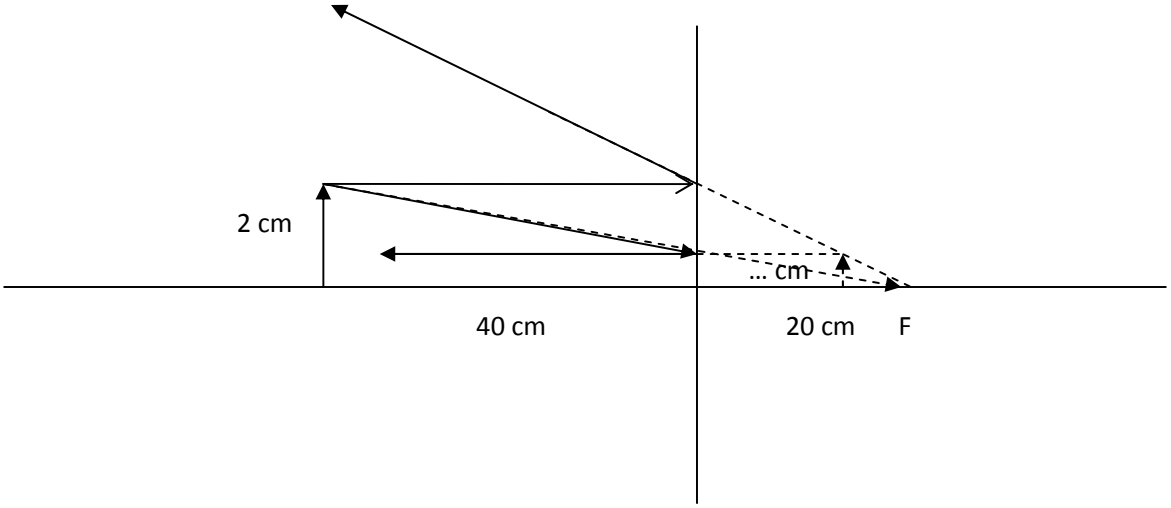
5. Cermin cekung (skala tidak tepat)

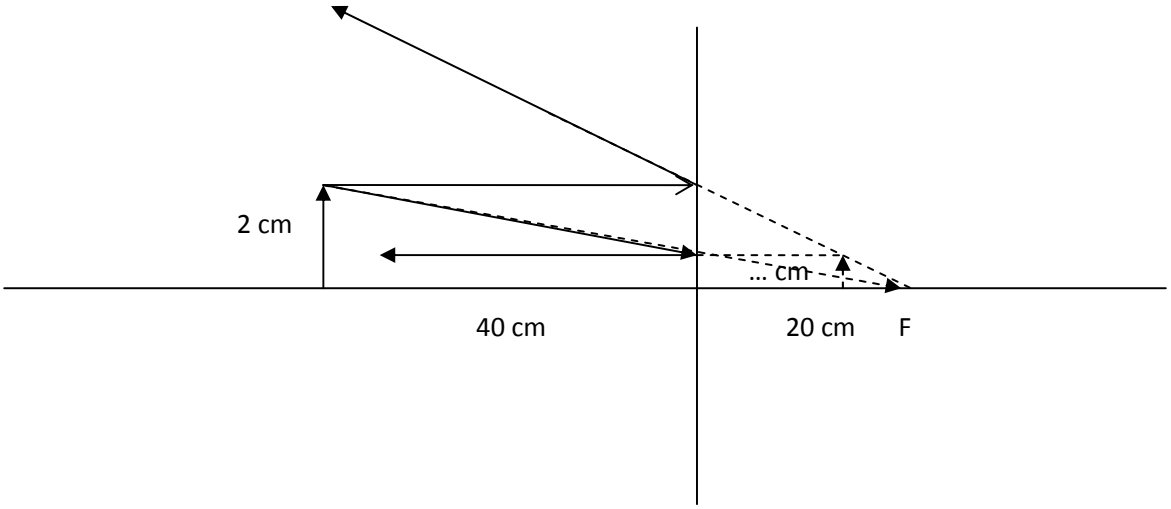


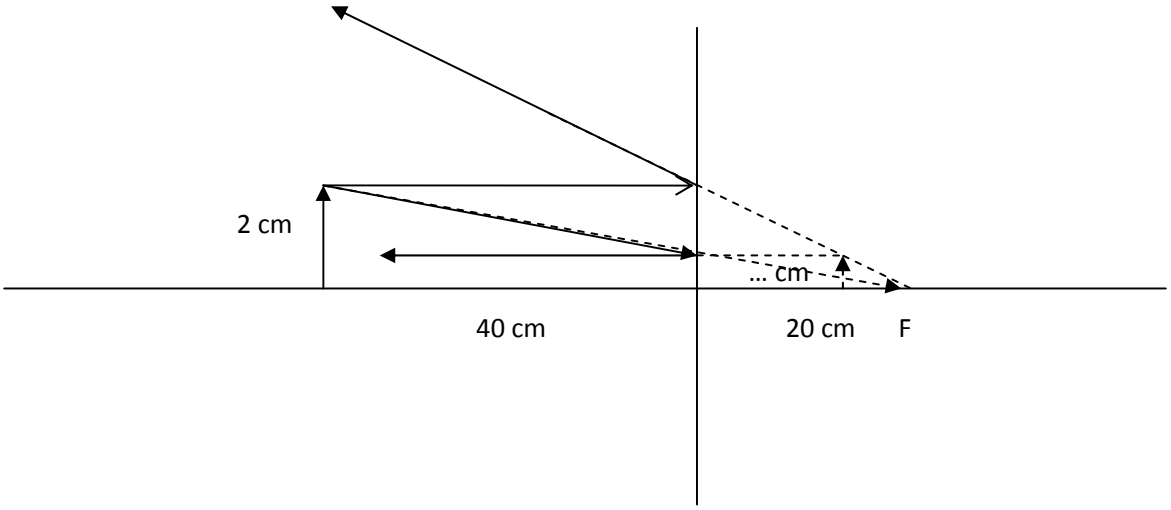



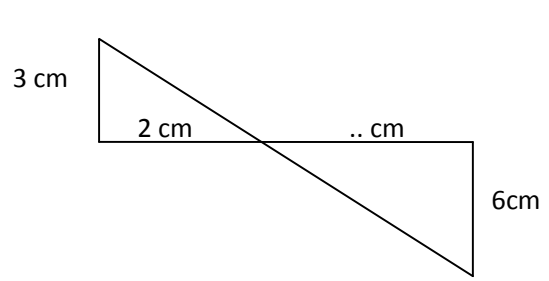
6. Cermin cembung (skala tidak tepat)

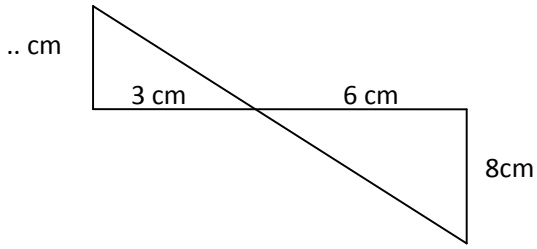


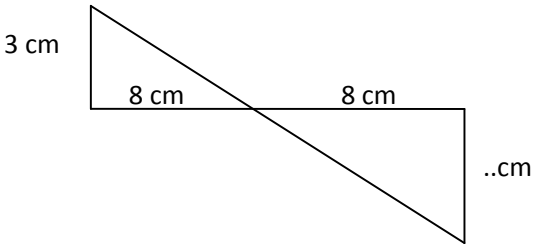



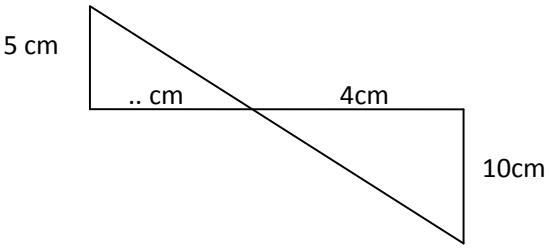



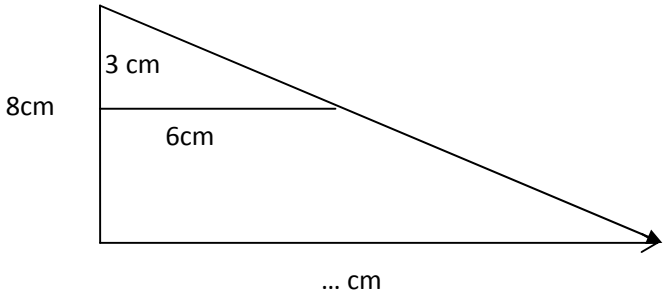
7. Segitiga lensa cembung (skala tidak tepat)

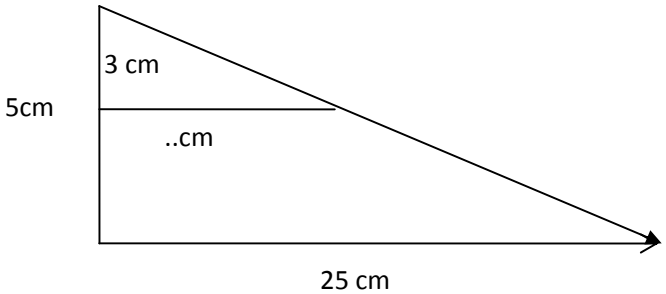


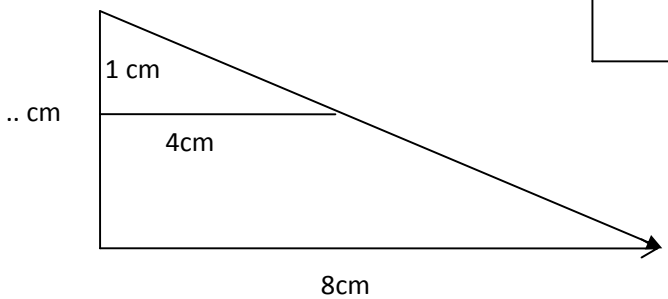



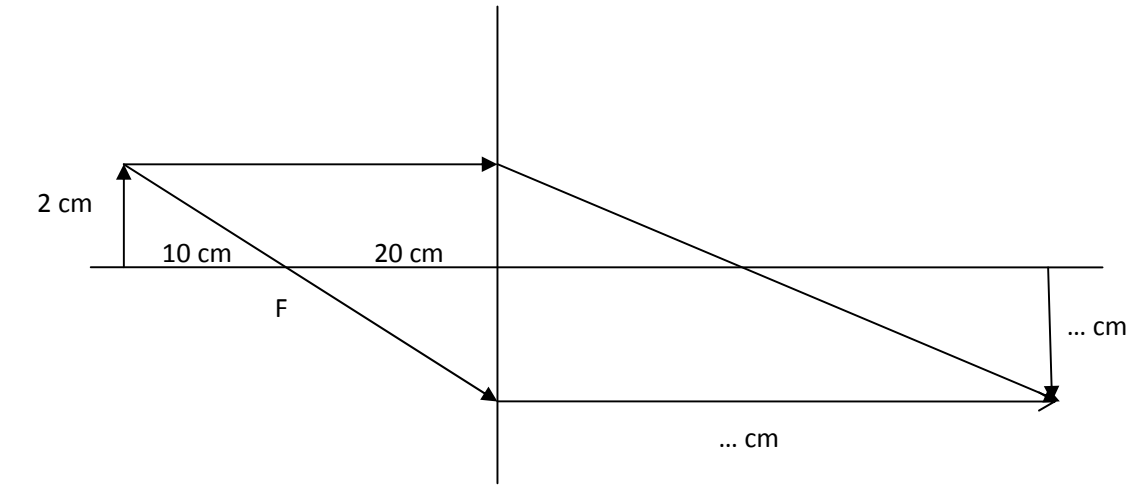



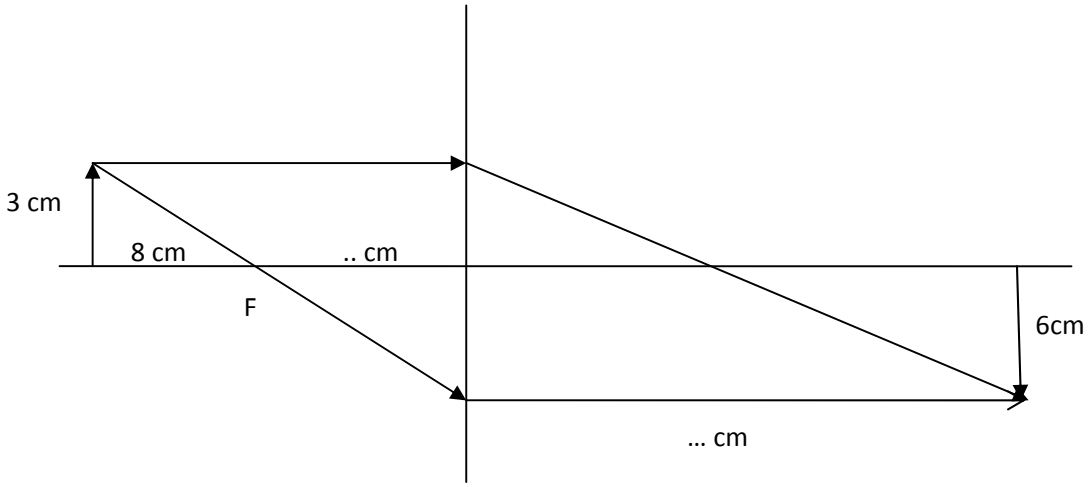



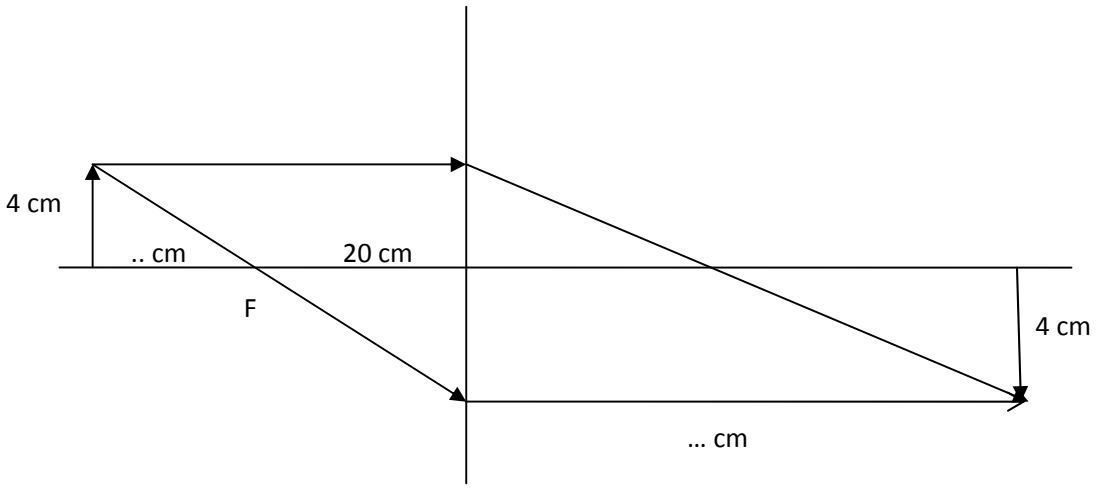



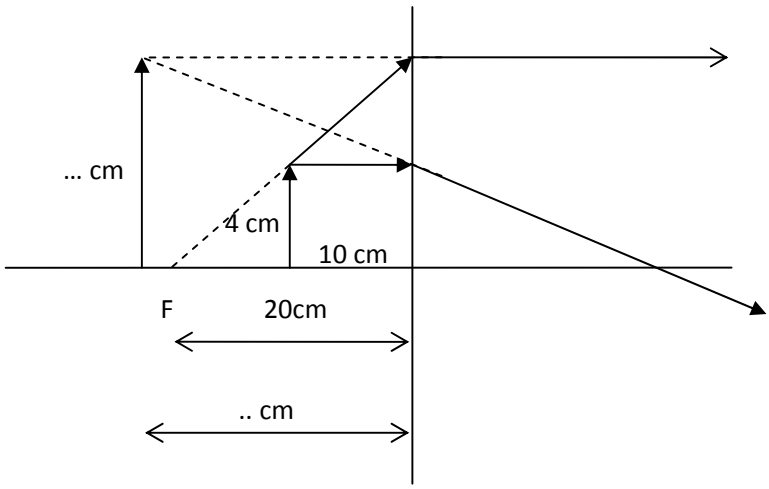



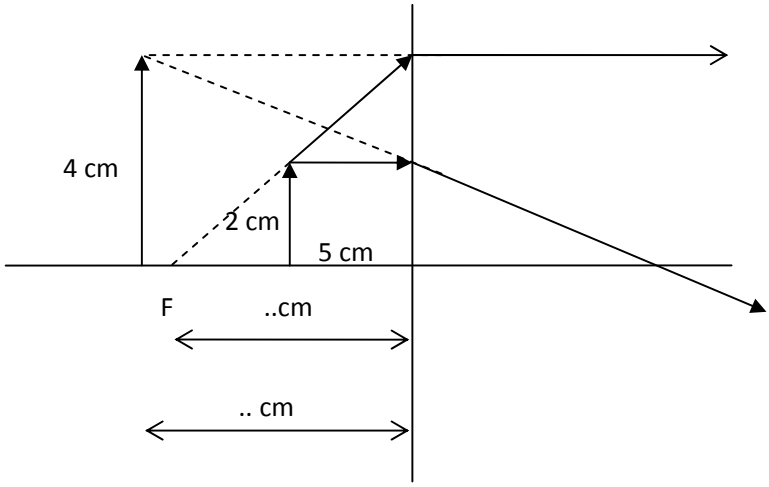
8. Lensa Cembung (skala tidak tepat)

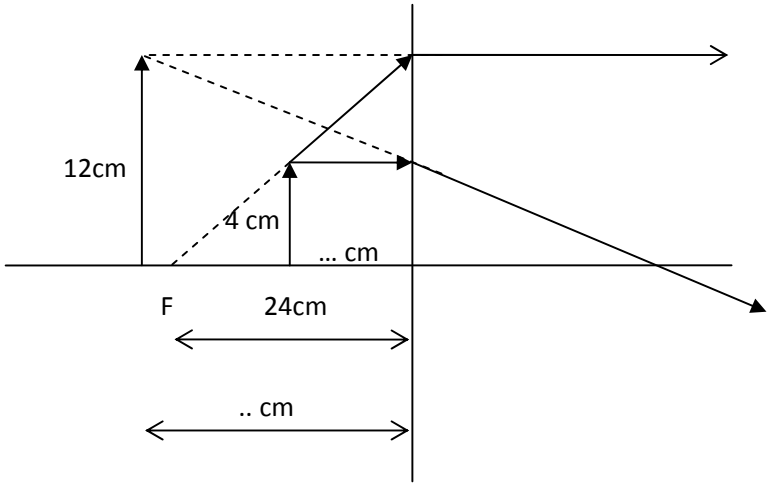



… cm
4 cm
10 cm
F
20cm
.. cm


4 cm
2 cm
5 cm
F
..cm
.. cm


12cm
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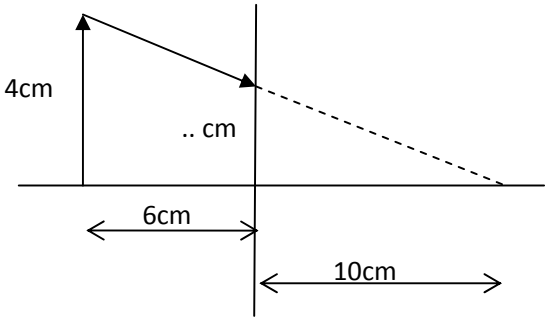
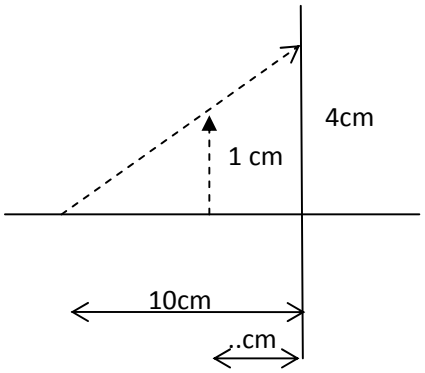
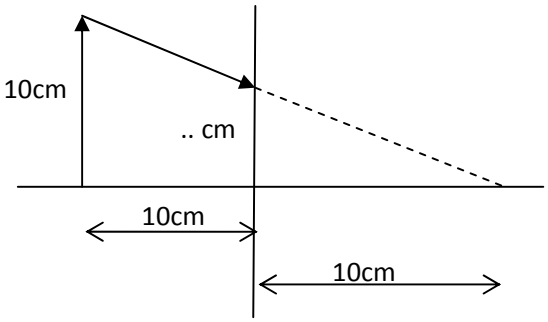
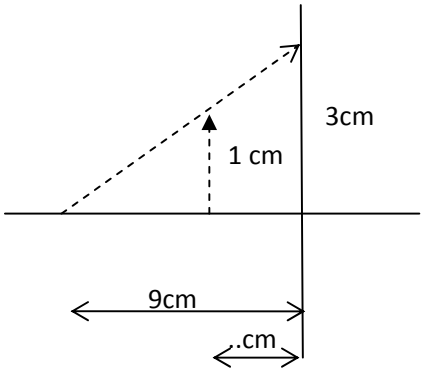
… cm
F
24cm
.. cm

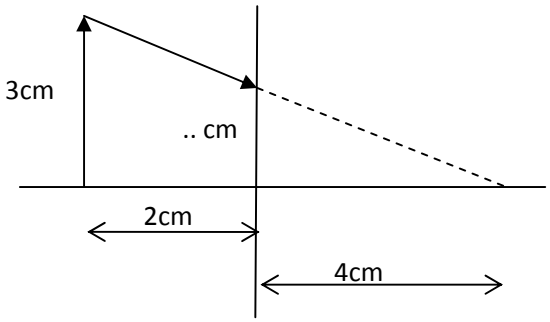
9. Segitiga untuk lensa cekung (tidak tepat skala)

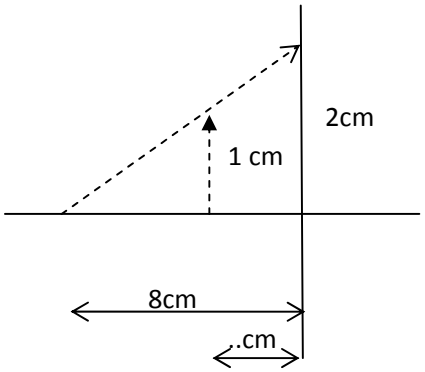


10. Lensa Cekung (tidak tepat skala)