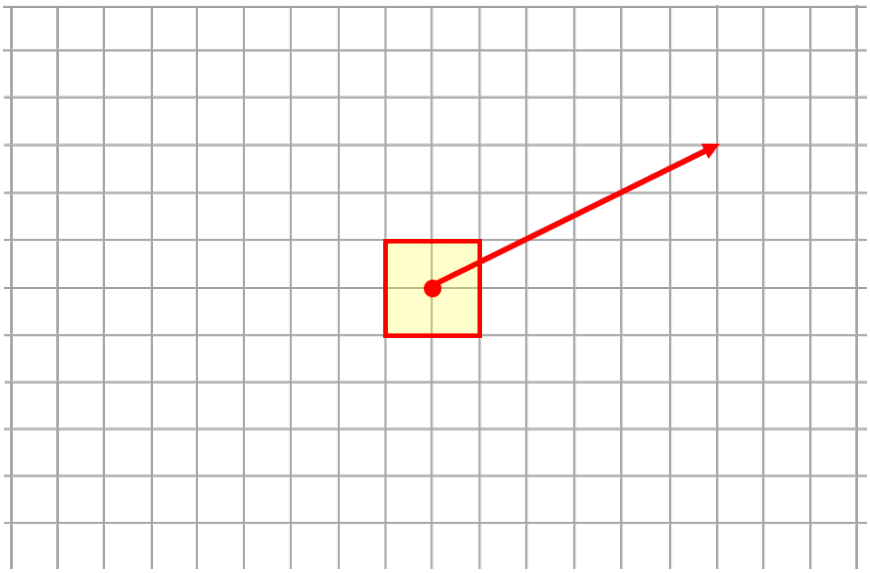
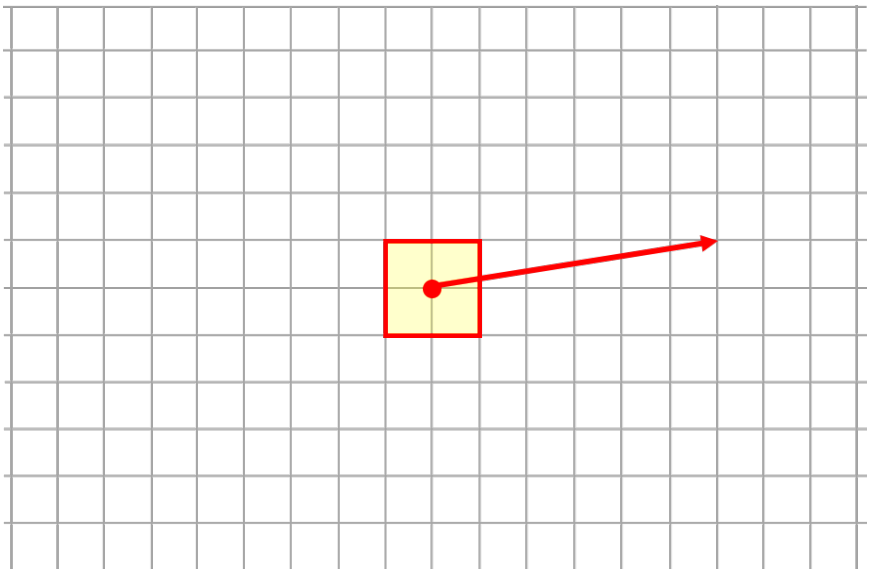
Equilibium

Apprentice Difficulty Level
Question Group 1
Question 1
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.

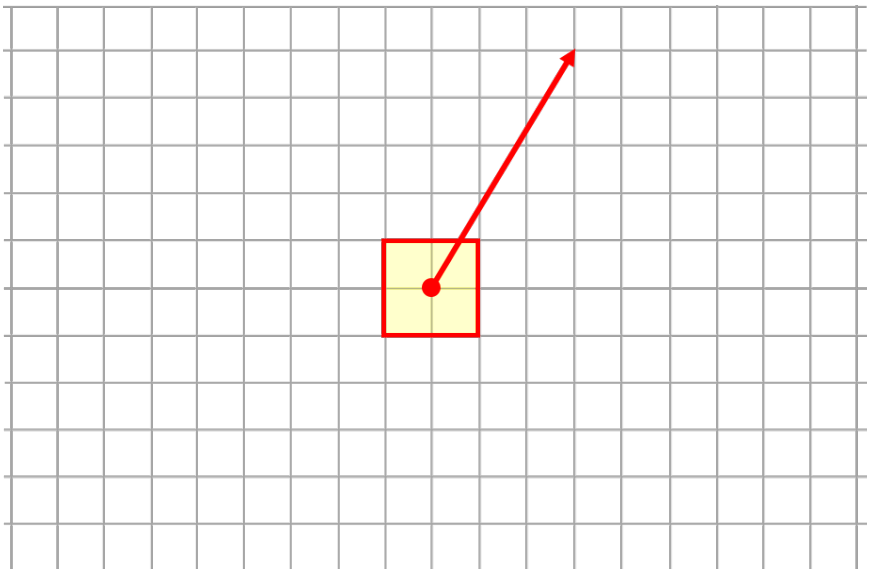


Question 2
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 3

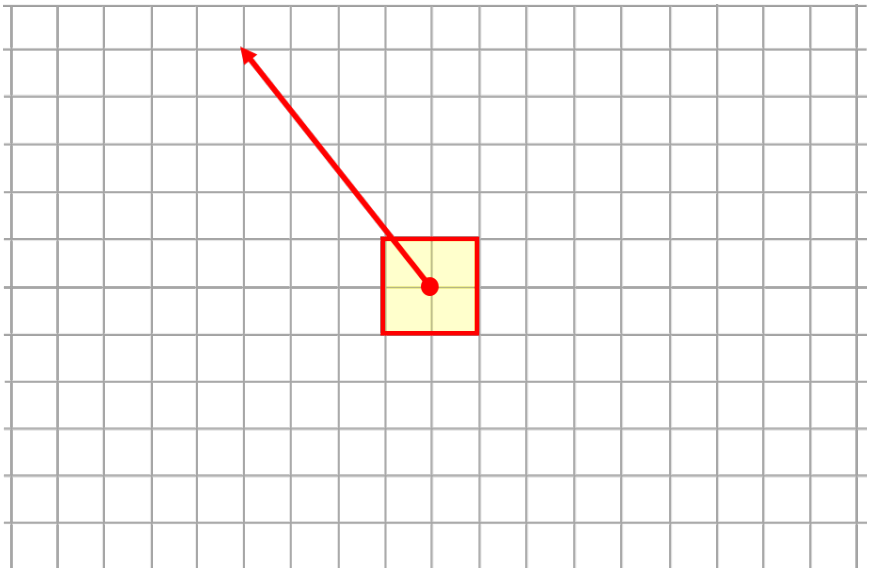
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 2

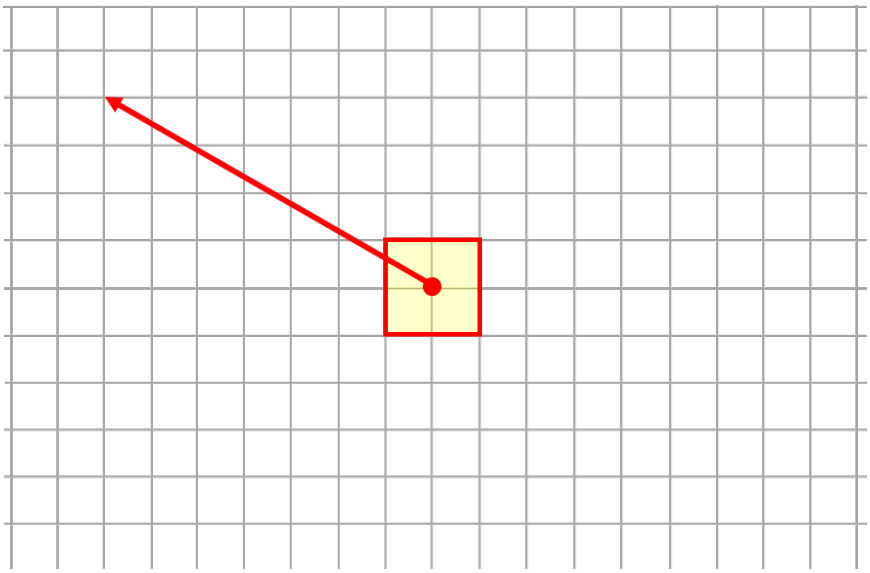
Question 4

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



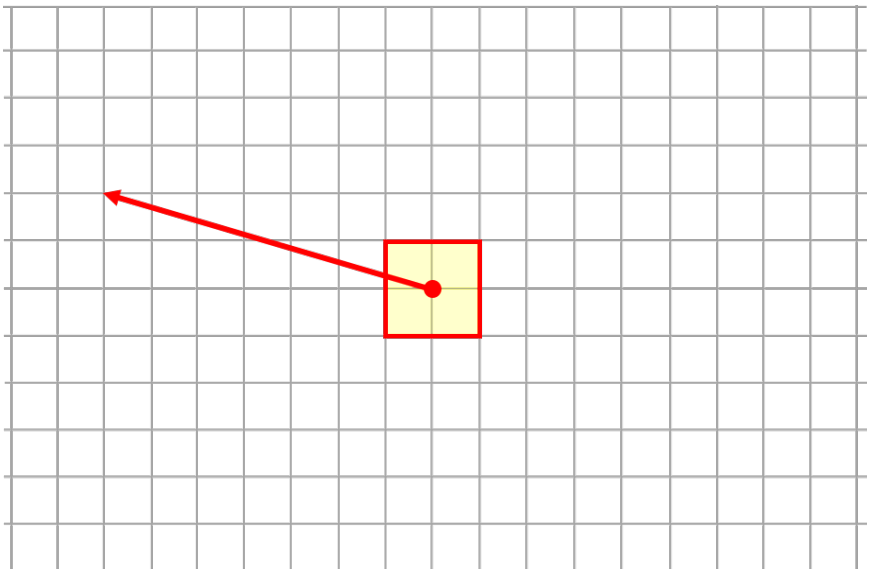
Question 5

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 6

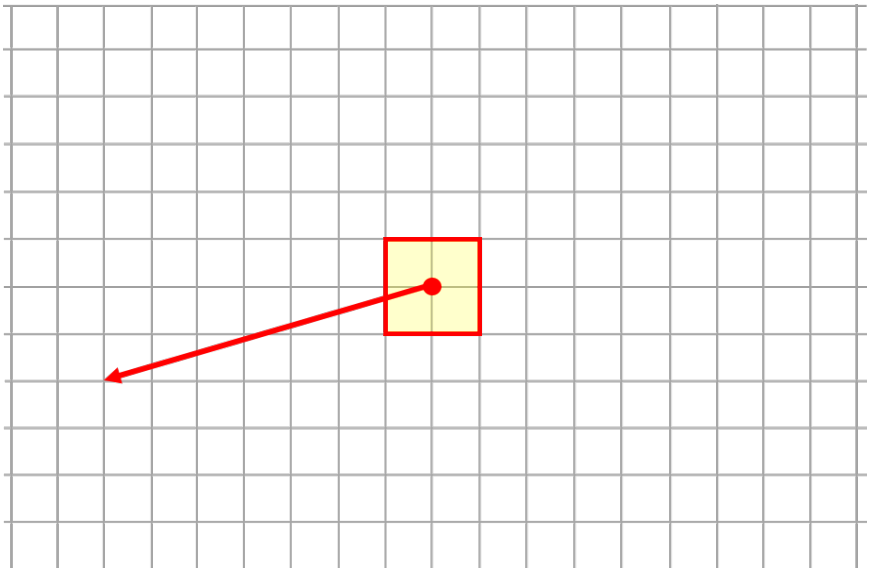
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 3

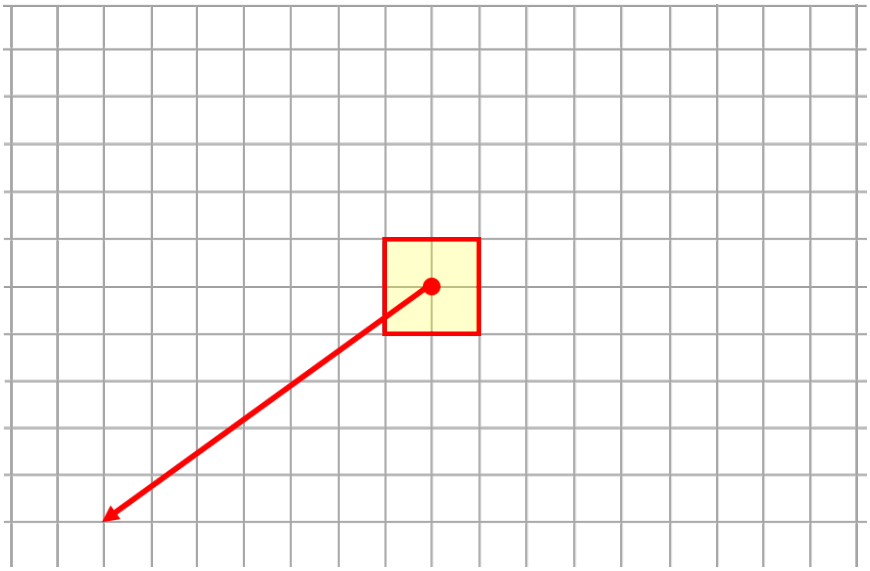
Question 7

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



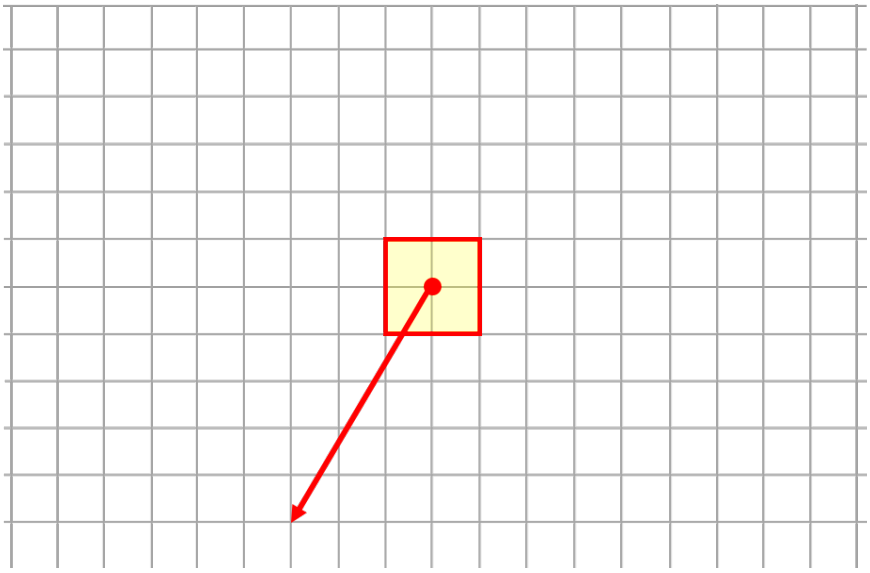
Question 8

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 9

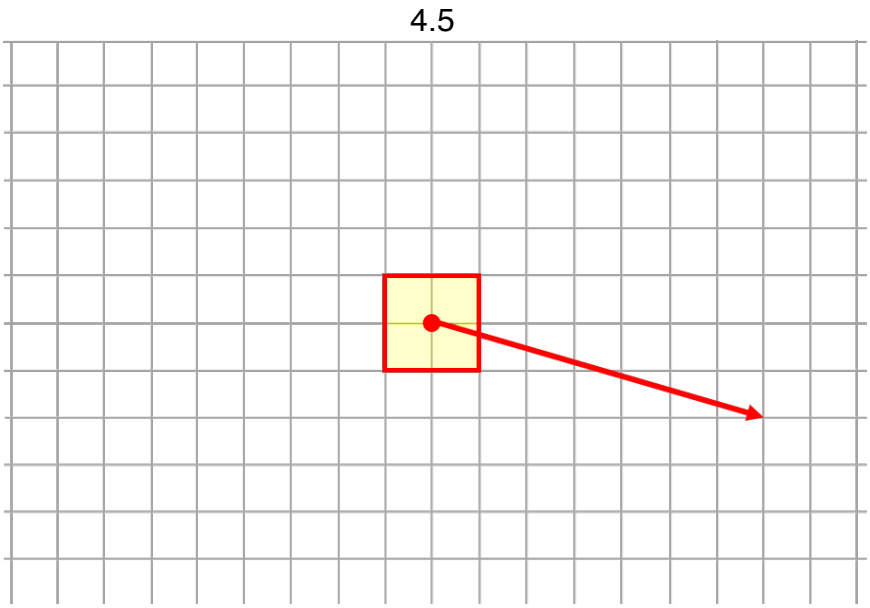
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 4

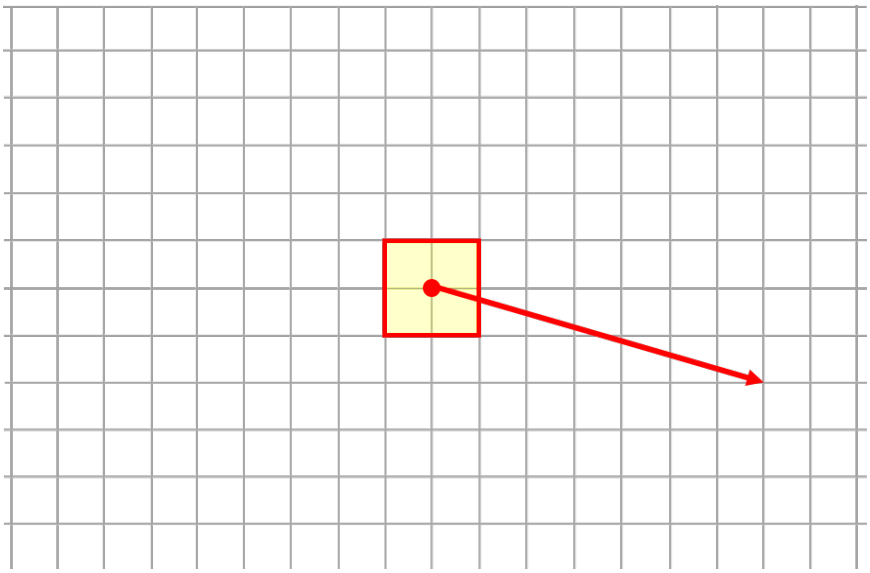
Question 10

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



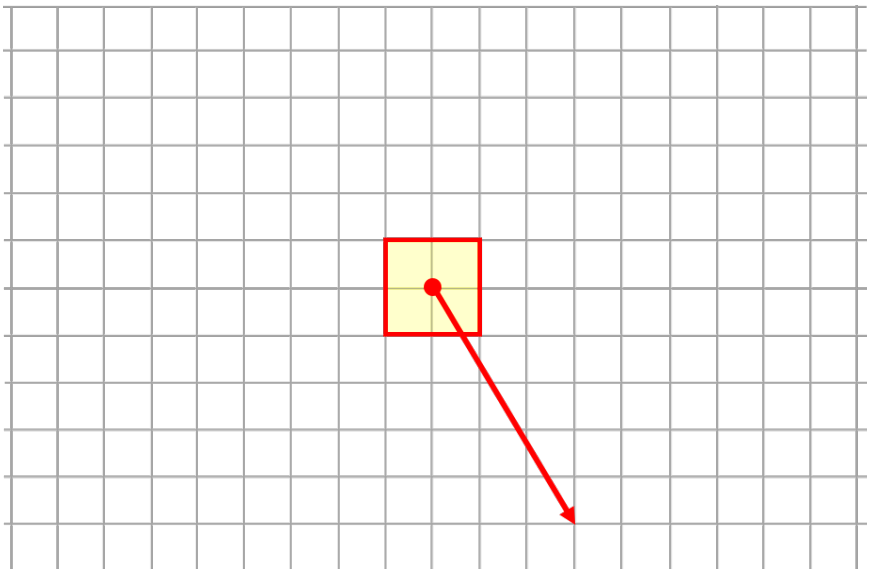
Question 11

Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.

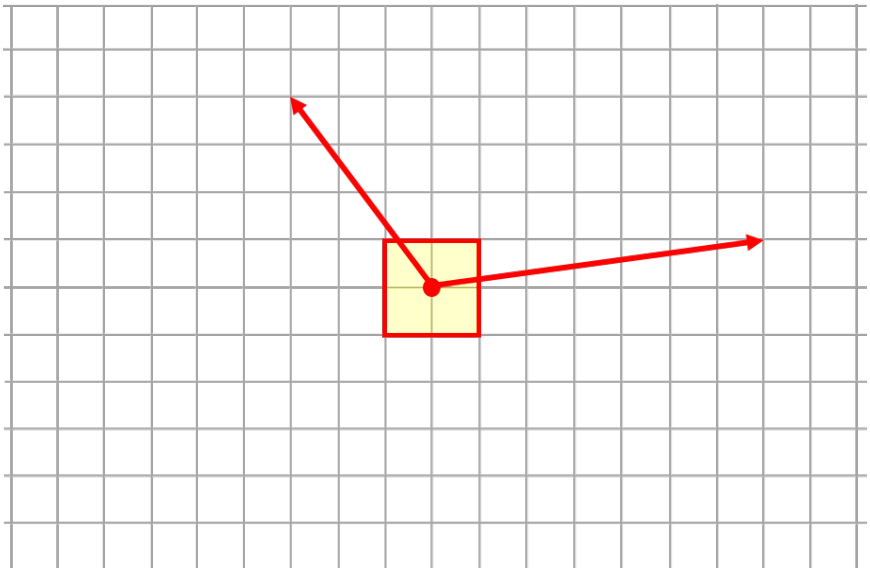


Question 12

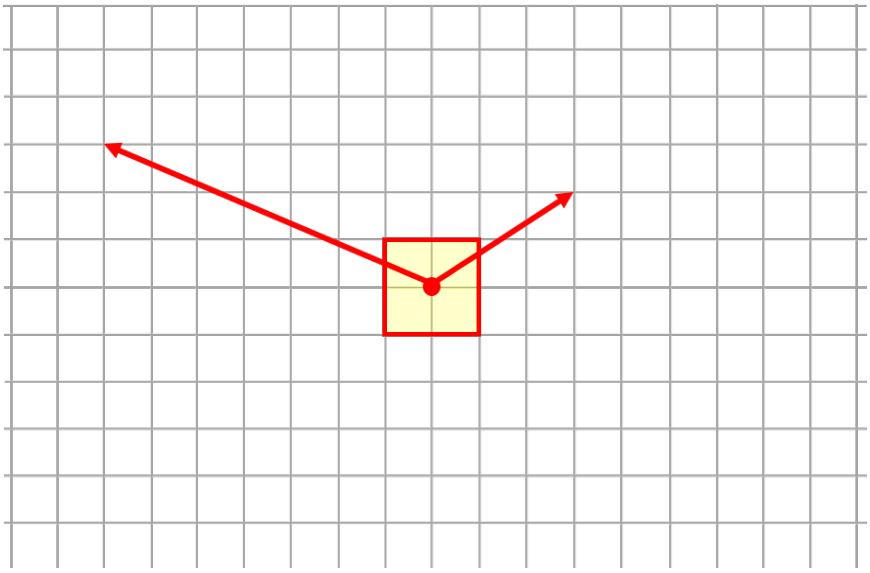
Consider the angled force below. Add one E-W force and one N-S force so that the object is at equilibrium.



Master Difficulty Level
Question Group 5
Question 13
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.

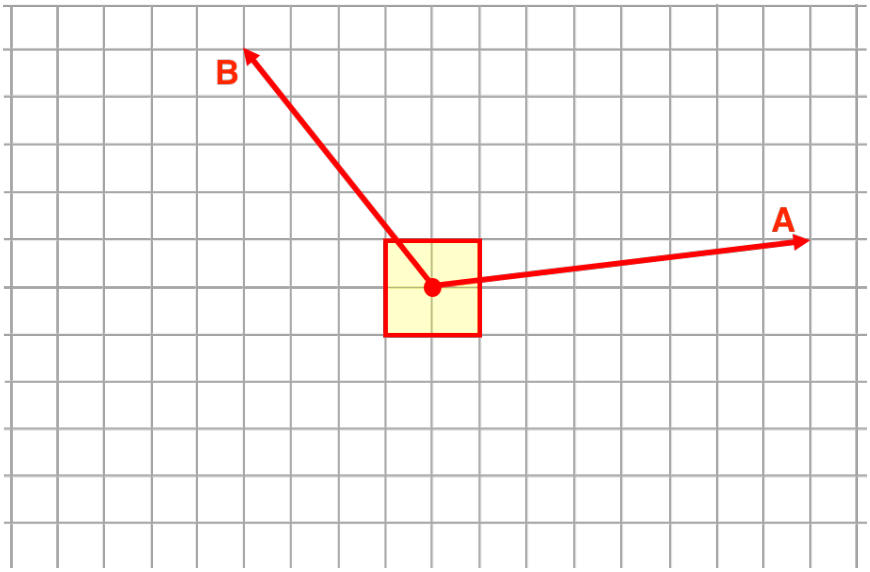


Question 14
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 15

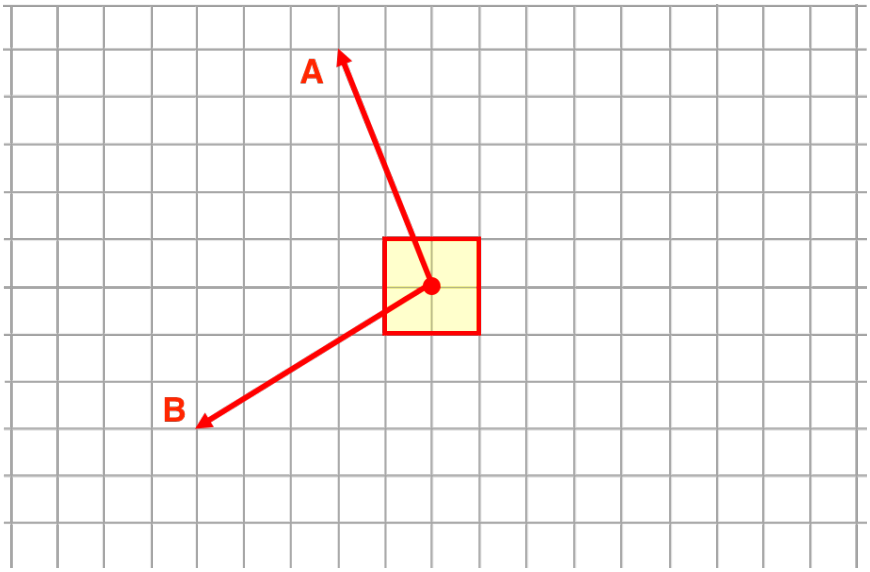
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 6

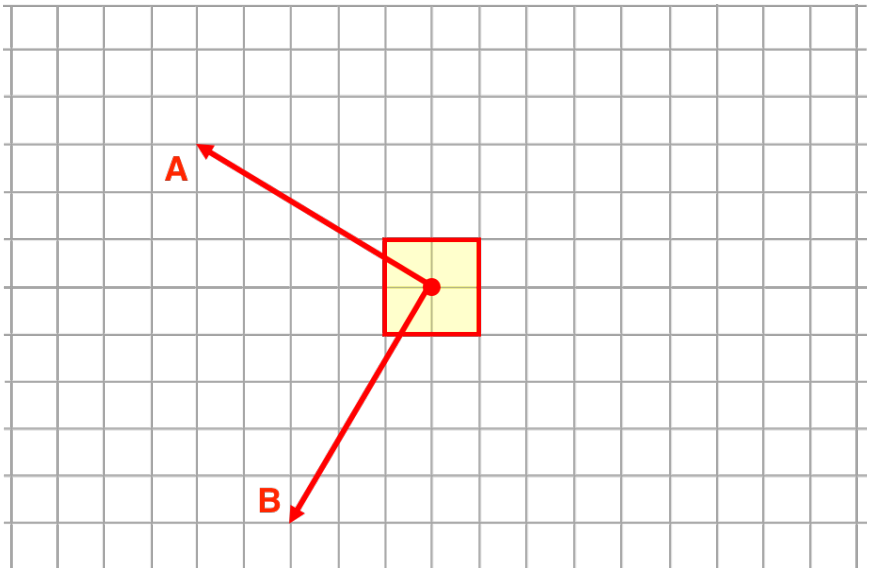
Question 16

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



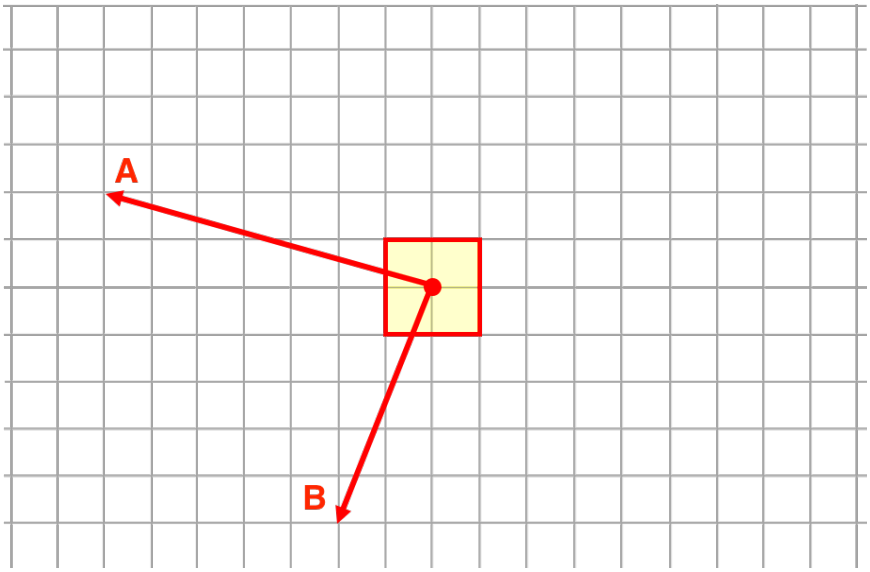
Question 17

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 18

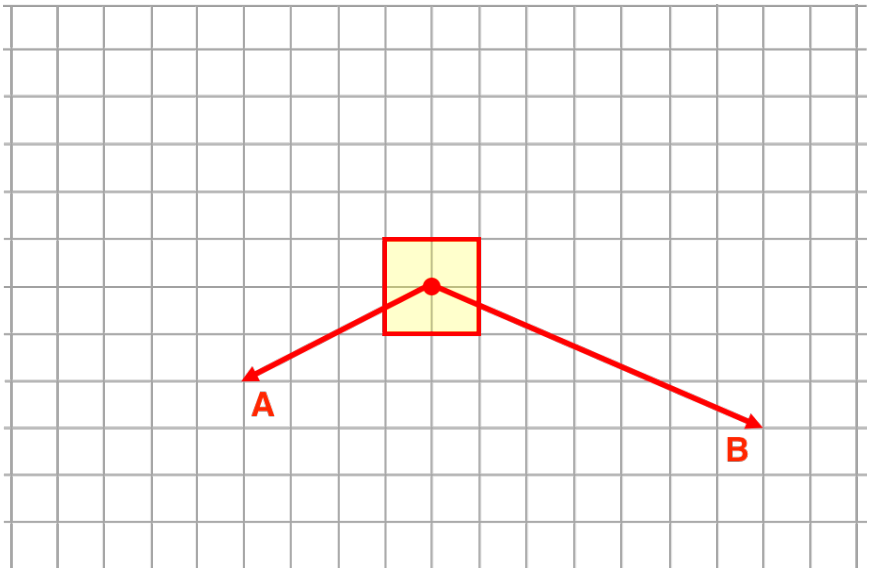
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 7

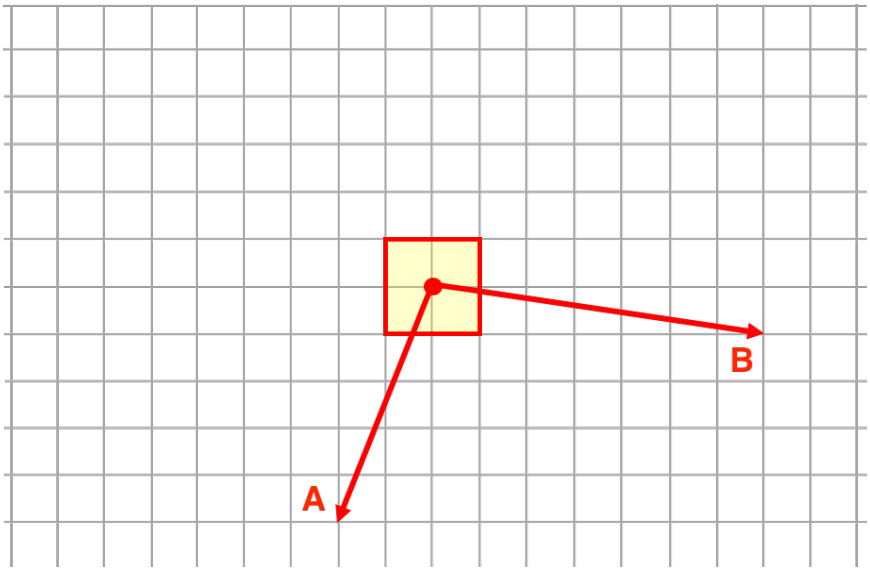
Question 19

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



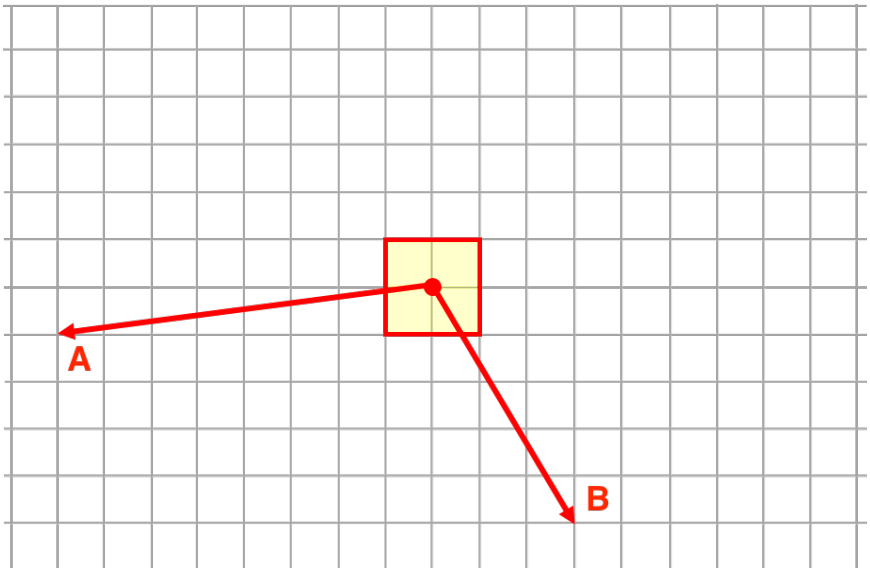
Question 20

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 21

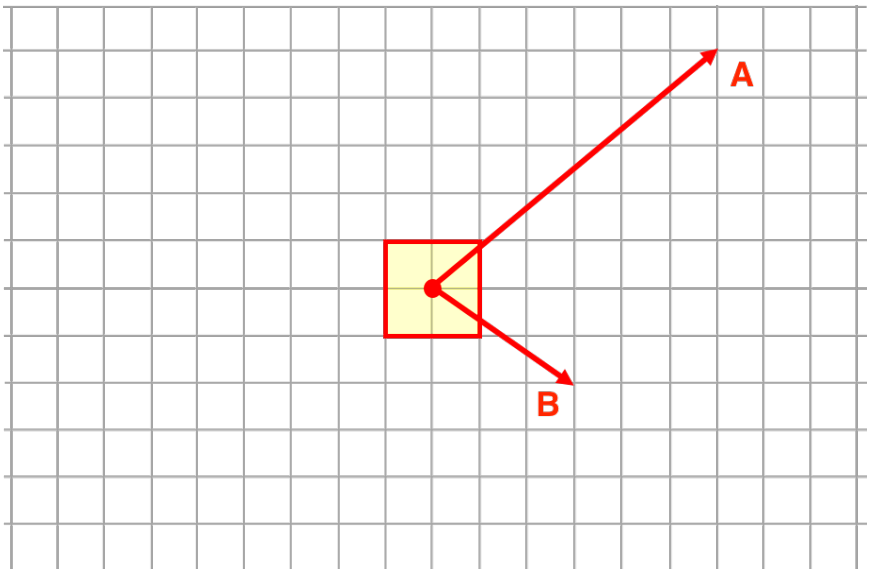
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 8

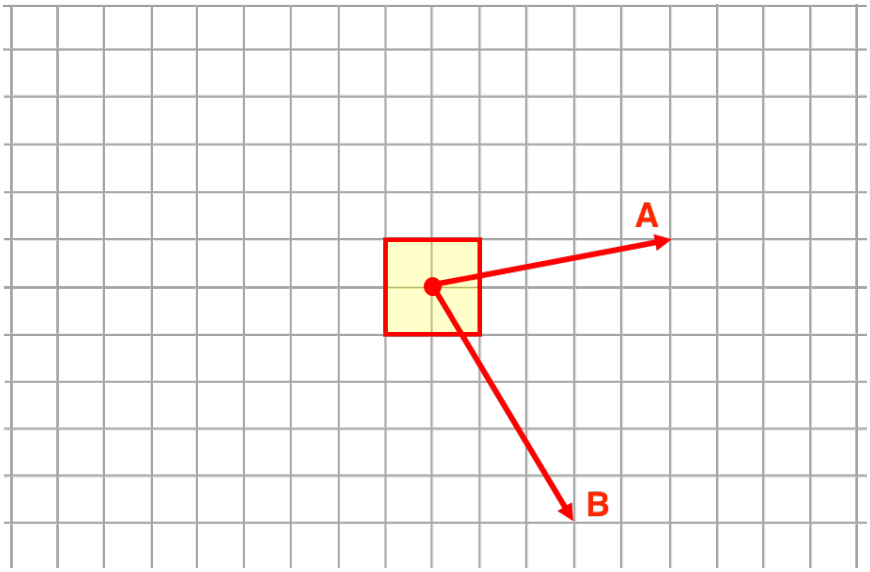
Question 22

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



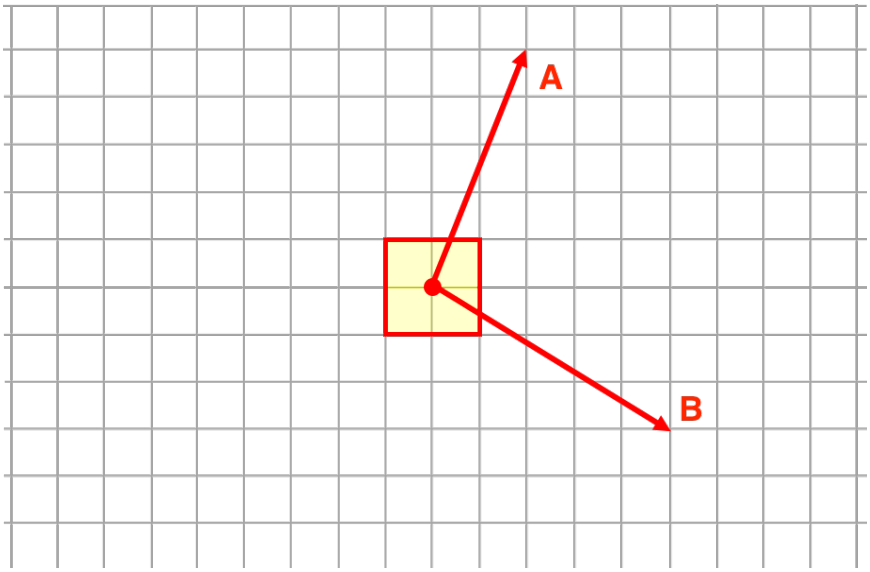
Question 23

Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.

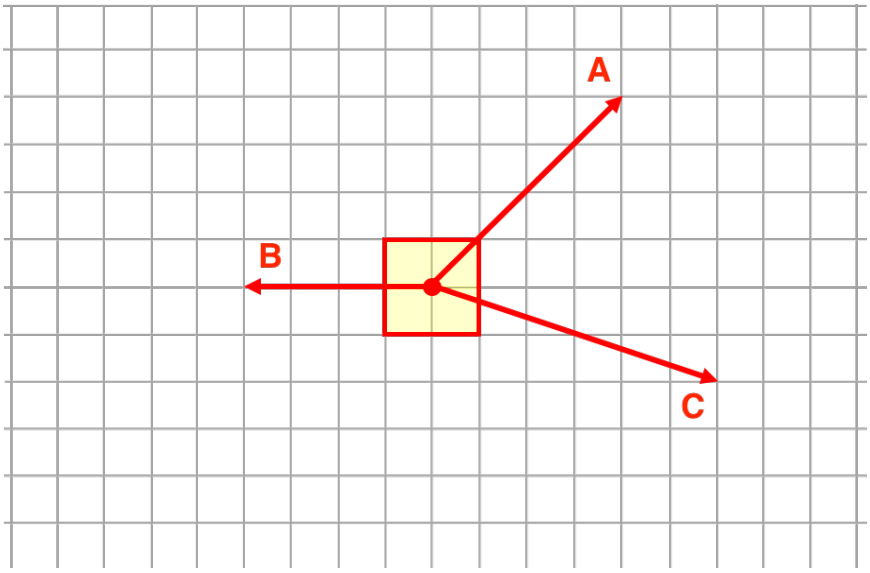


Question 24

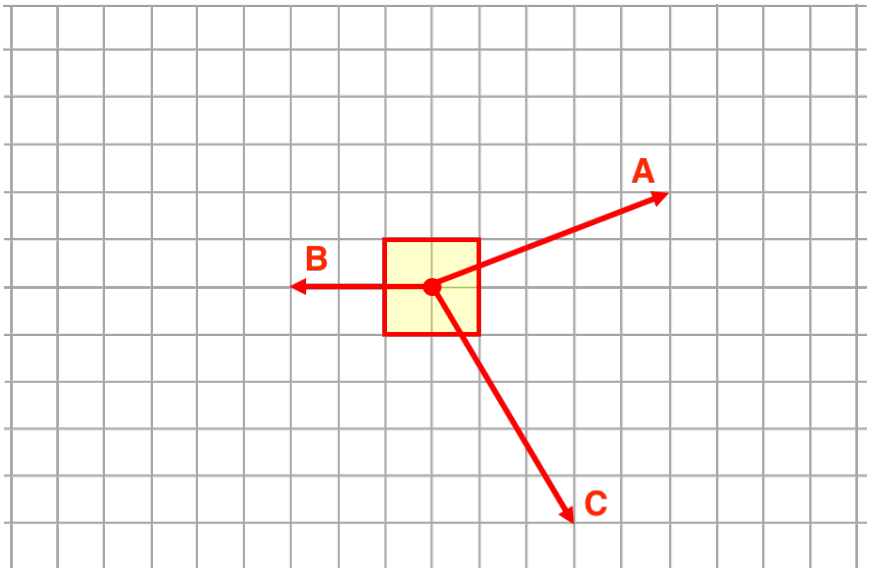
Consider the two angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Wizard Difficulty Level
Question Group 9
Question 25
Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.

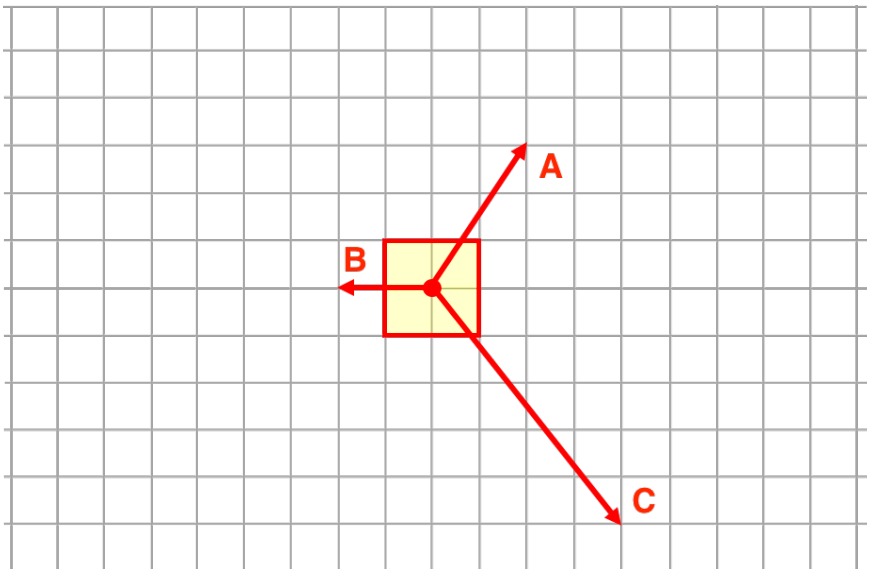


Question 26
Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 27

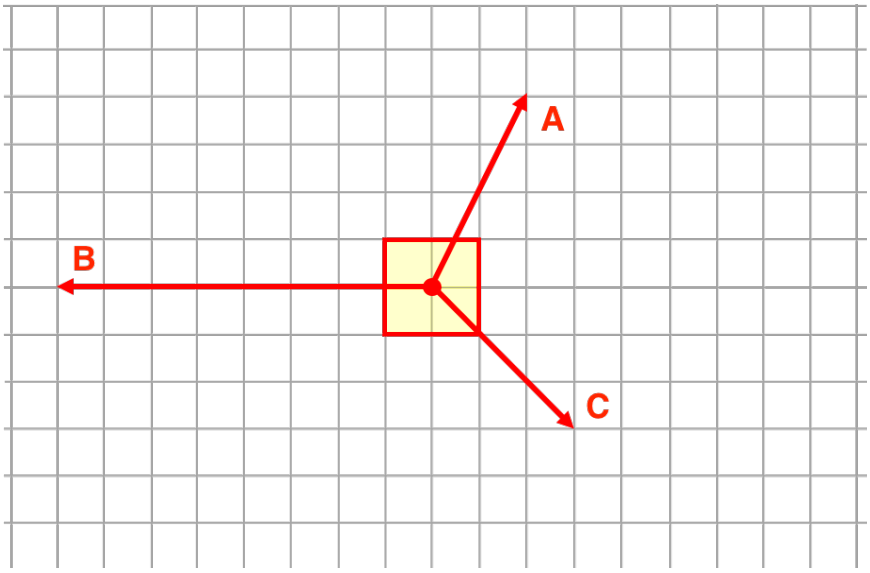
Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 10

Question 28

Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 29

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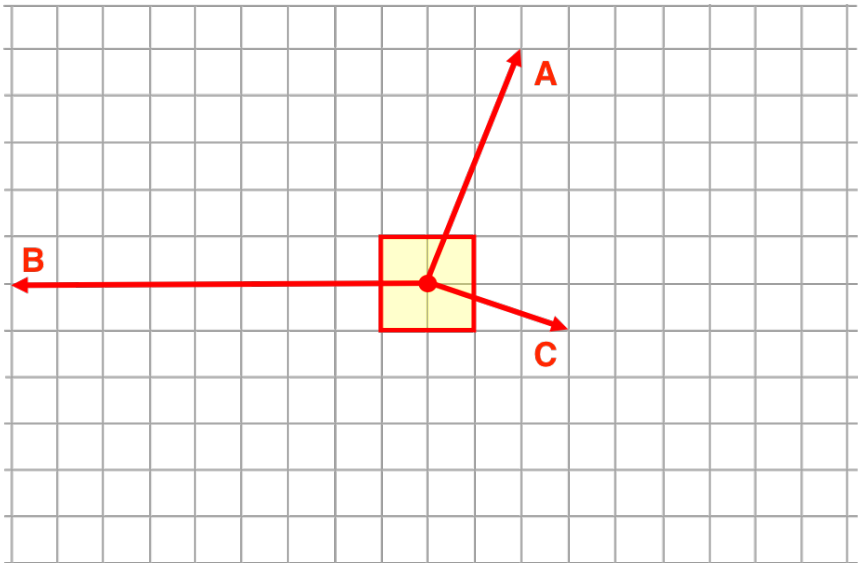
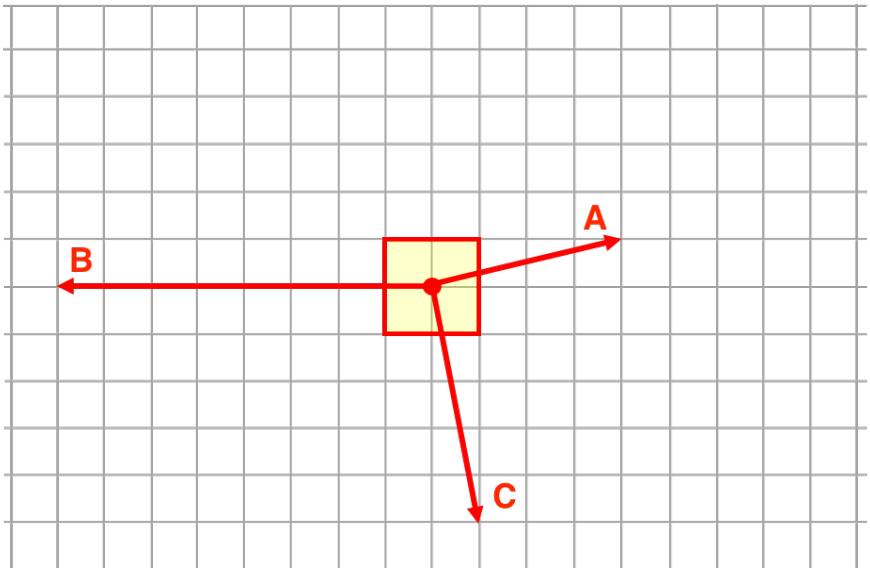


Question 30

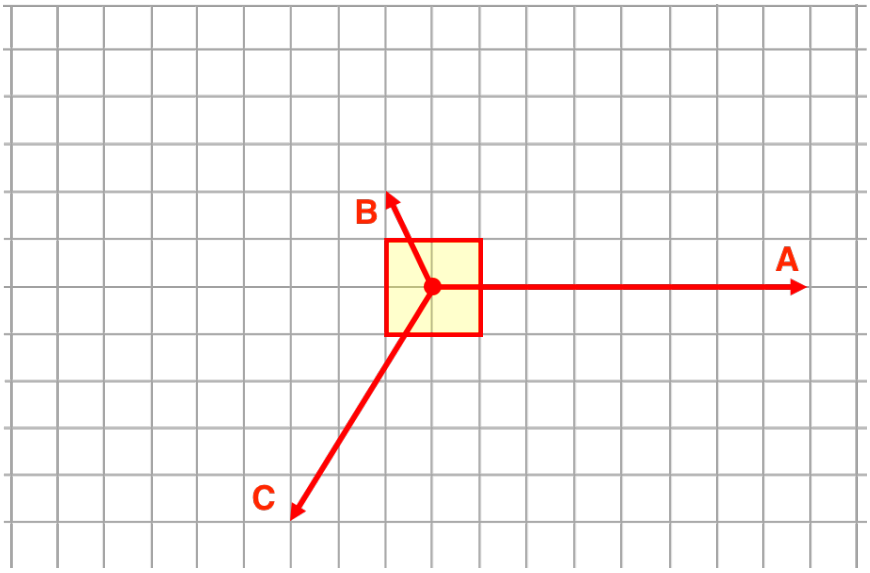
Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question Group 11

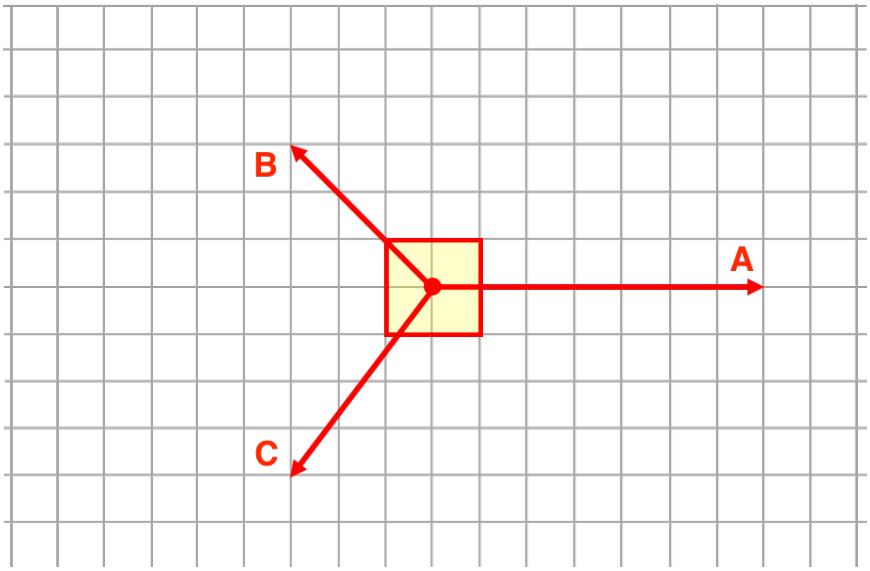
Question 31

Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 32

Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 33

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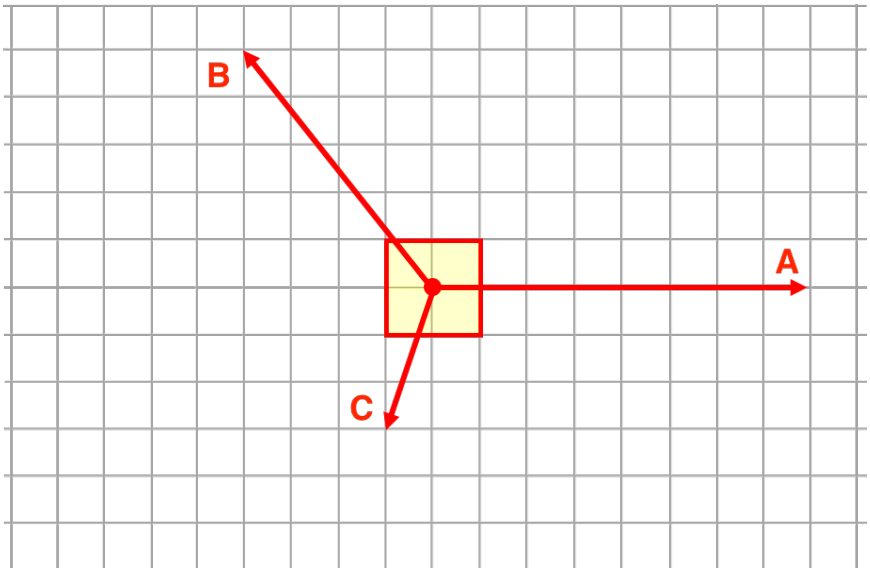
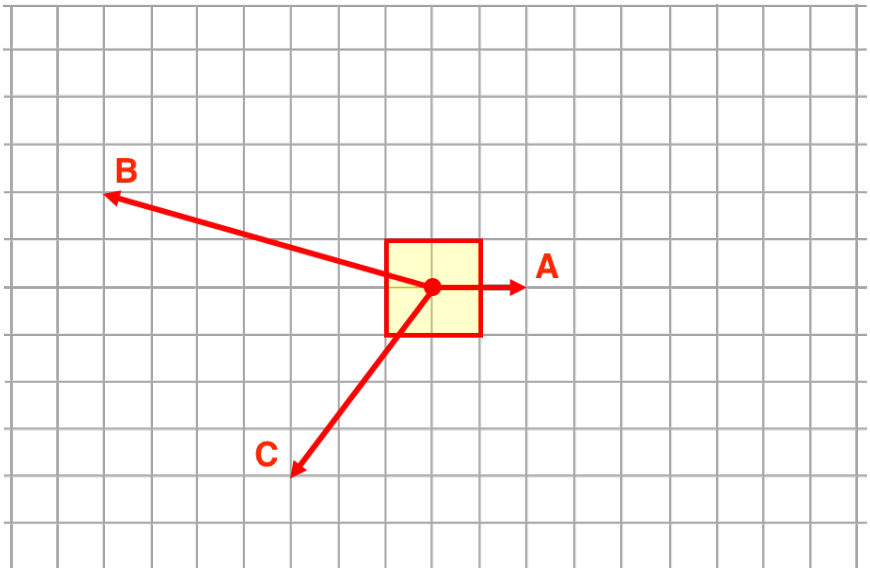


Question Group 12

Question 34

Consider the three angled forces below. Add one E-W force and one N-S force so that the object is at equilibrium.



Question 35

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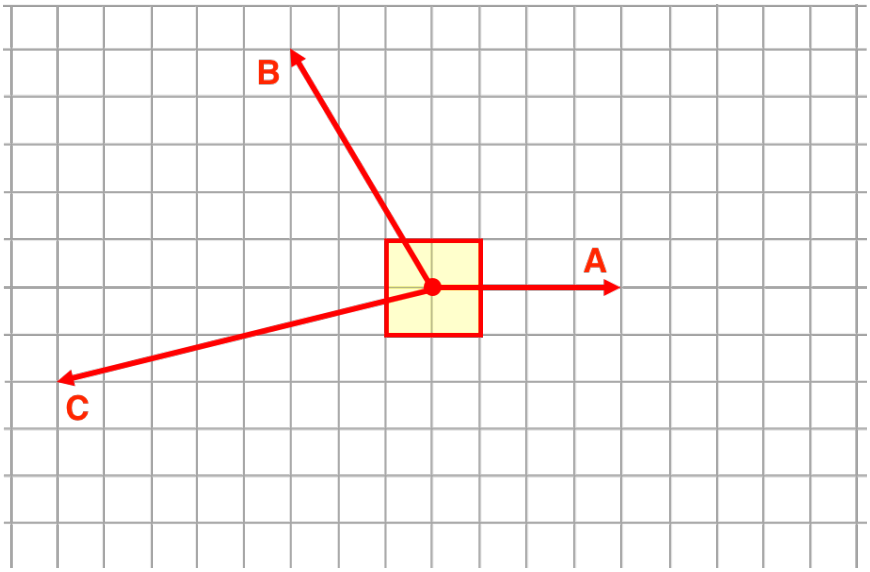

Question 36

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