

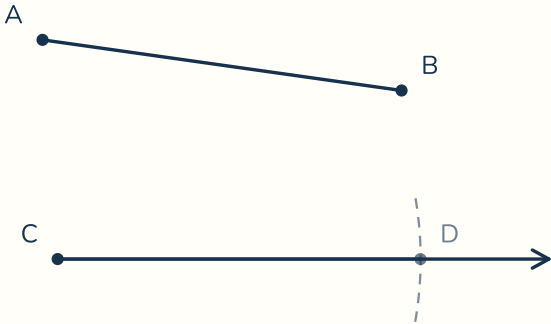
Compass constructions — Copy a segment

Name: _____

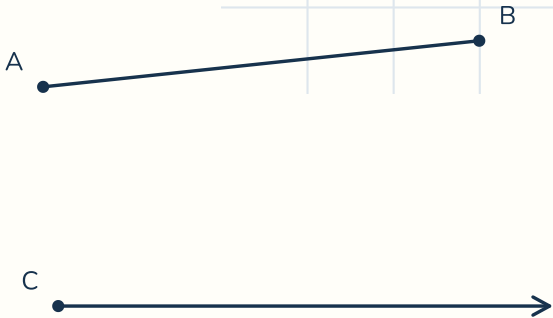
Date: _____

Copy each segment onto the ray beside it. Leave your arcs showing.

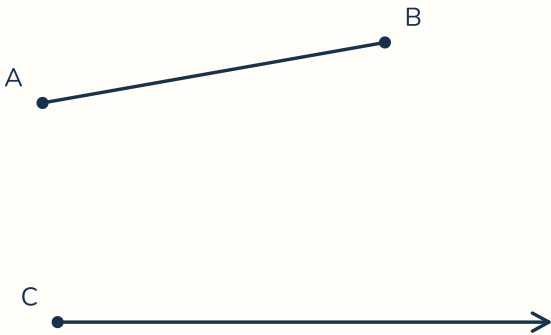
1 Copy AB onto the ray from C.



2 Copy AB onto the ray from C.



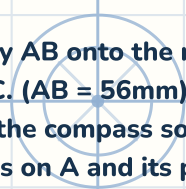
3 Copy AB onto the ray from C.



4 Copy AB onto the ray from C.



Compass constructions · Copy a segment — Answer key



1. Copy AB onto the ray from C. (AB = 48mm) — 1. Open the compass so its point is on A and its pencil is on B. 2. Keeping that opening, put the point on C and draw a short arc crossing the ray. 3. Label the crossing D. CD is the same length as AB.

2. Copy AB onto the ray from C. (AB = 58mm) — 1. Open the compass so its point is on A and its pencil is on B. 2. Keeping that opening, put the point on C and draw a short arc crossing the ray. 3. Label the crossing D. CD is the same length as AB.

3. Copy AB onto the ray from C. (AB = 46mm) — 1. Open the compass so its point is on A and its pencil is on B. 2. Keeping that opening, put the point on C and draw a short arc crossing the ray. 3. Label the crossing D. CD is the same length as AB.

4. Copy AB onto the ray from C. (AB = 56mm) — 1. Open the compass so its point is on A and its pencil is on B. 2. Keeping that opening, put the point on C and draw a short arc crossing the ray. 3. Label the crossing D. CD is the same length as AB.