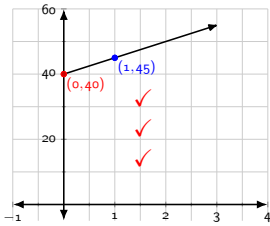


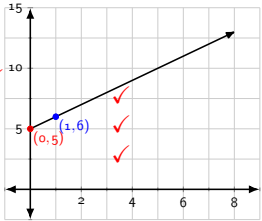
Lesson 2.5.2: Solving Problems Involving Linear Functions

Total points = 27

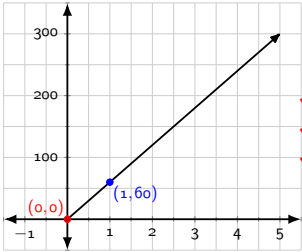
1. Let: $f(x)$ = standard fare ✓
 x = distance (per 200 m.) ✓
Given: b = ₪40 (initial fare) ✓
Find: m = ₪5 per 200 m. ✓
Function: $f(x)$ = $mx + b$ ✓
 $f(x)$ = $5x + 40$ ✓



2. Let: $f(x)$ = call charge ✓
 x = time in min. after 3 min. ✓
Given: b = ₪5 (initial charge) ✓
Find: m = ₪1 per minute ✓
Function: $f(x)$ = $mx + b$ ✓
 $f(x)$ = $x + 5$ ✓



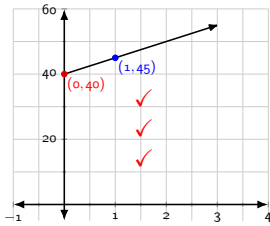
3. Let: $f(x)$ = distance travelled (in km) ✓
 x = time travelled (in hr) ✓
Given: b = 0 km (initial distance travelled) ✓
Find: m = 60 km per hour ✓
Function: $f(x)$ = $mx + b$ ✓
 $f(x)$ = $60x$ ✓



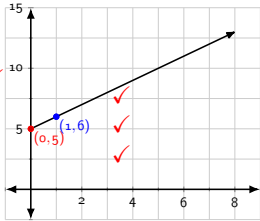
Lesson 2.5.2: Solving Problems Involving Linear Functions

Total points = 27

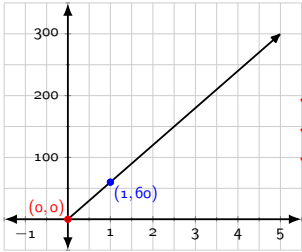
1. Let: $f(x)$ = standard fare ✓
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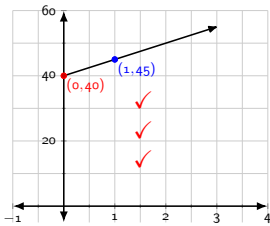
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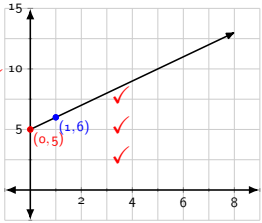
Lesson 2.5.2: Solving Problems Involving Linear Functions

Total points = 27

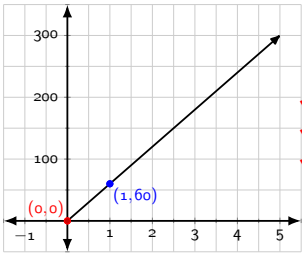
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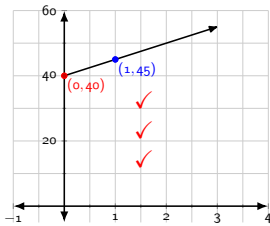
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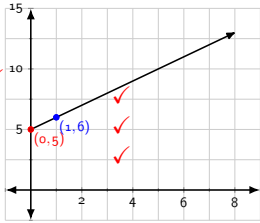
Lesson 2.5.2: Solving Problems Involving Linear Functions

Total points = 27

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