

Equations: Angles/Perimeter

Workout

Question 1:

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|----------------------------|--------------------------|------------------------------|
| (a) $x=3$ L=9cm W=3cm | (b) $x=8$ L=20cm W=8cm | (c) $x=11$ L=33cm W=11cm |
| (d) $x=5$ L=13cm W=6cm | (e) $x=10$ L=53cm W=26cm | (f) $x=12$ L=21cm W=9cm |
| (g) $x=36$ L=63cm W = 37cm | (h) $x=6$ L=37cm W=4cm | (i) $x=3.4$ L=14.2cm W=5.8cm |

Question 2:

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|------------------|------------------|--------------------|
| (a) $x=5$ L=9cm | (b) $x=6$ L=13cm | (c) $x=11$ L=31cm |
| (d) $x=8$ L=15cm | (e) $x=6$ L=17cm | (f) $x=4.5$ L=16cm |

Question 3:

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|-----------|-----------|--------------|
| (a) $x=6$ | (b) $x=6$ | (c) $x=12.5$ |
| (d) $x=8$ | (e) $x=1$ | (f) $x=20$ |

Question 4:

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|----------|--------|---------|
| (a) 40 | (b) 35 | (c) 20 |
| (d) 15 | (e) 55 | (f) 70 |
| (g) 15.8 | (h) 10 | (i) 130 |
| (j) 57 | (k) 80 | |

Question 5:

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|------------|------------|------------|
| (a) $x=50$ | (b) $x=50$ | (c) $x=18$ |
| (d) $x=44$ | (e) $x=12$ | |

Question 6:

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|------------|------------|-------------|-------------|
| (a) $x=55$ | (b) $x=56$ | (c) $x=102$ | (d) $x=105$ |
|------------|------------|-------------|-------------|

Apply

Question 1: 24cm

Question 2: 14cm

Question 3: 12cm

Question 4: $36^\circ, 36^\circ, 108^\circ$

Question 5: 34°

Question 6: 68cm^2

Question 7:

(a) 42cm

(b) 50cm