



# **Perimeter (shapes with straight edges only)**

Mana Maths

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# Te reo Māori terms



**āwhiotanga**

perimeter

Open in Te Aka

**tapa**

side

Open in Te Aka

**taparau**

polygon

Open in Te Aka

**tapawhā**

square

Open in Te Aka

# Start Tasks



**1.** A square has side 4 cm. Find its perimeter.

**2.** A rectangle is 7 cm by 7 cm. Perimeter?

**3.** A triangle has sides 11, 12, 3 cm. Perimeter?

**4.** A regular pentagon has side 10 cm. Perimeter?

**5.** A regular hexagon has side 10 cm. Perimeter?

**6.** A regular octagon has side 5 cm. Perimeter?

**7.** A square has side 7 cm. Find its perimeter.

**8.** A rectangle is 9 cm by 1 cm. Perimeter?

**9.** A triangle has sides 5, 5, 4 cm. Perimeter?

# Start Tasks



**10.** A regular pentagon has side 7 cm.  
Perimeter?

**11.** A regular hexagon has side 13 cm.  
Perimeter?

**12.** A regular octagon has side 10 cm.  
Perimeter?

**13.** A square has side 10 cm. Find its perimeter.

**14.** A rectangle is 11 cm by 6 cm. Perimeter?

**15.** A triangle has sides 8, 8, 8 cm. Perimeter?

**16.** A regular pentagon has side 11 cm.  
Perimeter?

**17.** A regular hexagon has side 4 cm.  
Perimeter?

**18.** A regular octagon has side 9 cm.  
Perimeter?

# Start Tasks



**19.** A square has side 8 cm. Find its perimeter.

**20.** A rectangle is 13 cm by 3 cm. Perimeter?

**21.** A triangle has sides 11, 2, 5 cm. Perimeter?

**22.** A regular pentagon has side 9 cm. Perimeter?

**23.** A regular hexagon has side 11 cm. Perimeter?

**24.** A regular octagon has side 11 cm. Perimeter?

**25.** A square has side 10 cm. Find its perimeter.

**26.** A rectangle is 6 cm by 2 cm. Perimeter?

**27.** A triangle has sides 14, 4, 11 cm. Perimeter?

# Build Tasks



**1.** A rectangle has length 13 cm and width 5 cm. Find the perimeter in metres.

**2.** A rectangle has length 10 cm and width 4 cm. Find the perimeter in metres.

**3.** A rectangle has length 4 cm and width 2 cm. Find the perimeter in metres.

**4.** A rectangle has length 11 cm and width 9 cm. Find the perimeter in metres.

**5.** A rectangle has length 6 cm and width 9 cm. Find the perimeter in metres.

**6.** A rectangle has length 17 cm and width 12 cm. Find the perimeter in metres.

**7.** A rectangle has length 10 cm and width 8 cm. Find the perimeter in metres.

**8.** A rectangle has length 19 cm and width 8 cm. Find the perimeter in metres.

**9.** A rectangle has length 11 cm and width 4 cm. Find the perimeter in metres.

# Build Tasks



**10.** A rectangle has length 4 cm and width 3 cm. Find the perimeter in metres.

**11.** A rectangle has length 17 cm and width 5 cm. Find the perimeter in metres.

**12.** A rectangle has length 9 cm and width 10 cm. Find the perimeter in metres.

**13.** A rectangle has length 18 cm and width 2 cm. Find the perimeter in metres.

**14.** A rectangle has length 11 cm and width 3 cm. Find the perimeter in metres.

**15.** A rectangle has length 18 cm and width 4 cm. Find the perimeter in metres.

**16.** A rectangle has length 18 cm and width 12 cm. Find the perimeter in metres.

**17.** A rectangle has length 20 cm and width 10 cm. Find the perimeter in metres.

**18.** A rectangle has length 14 cm and width 9 cm. Find the perimeter in metres.

# Build Tasks



**19.** A rectangle has length 20 cm and width 8 cm. Find the perimeter in metres.

**20.** A rectangle has length 18 cm and width 4 cm. Find the perimeter in metres.

**21.** A rectangle has length 19 cm and width 9 cm. Find the perimeter in metres.

**22.** A rectangle has length 12 cm and width 5 cm. Find the perimeter in metres.

**23.** A rectangle has length 12 cm and width 10 cm. Find the perimeter in metres.

**24.** A rectangle has length 19 cm and width 12 cm. Find the perimeter in metres.

**25.** A rectangle has length 11 cm and width 6 cm. Find the perimeter in metres.

**26.** A rectangle has length 18 cm and width 3 cm. Find the perimeter in metres.

**27.** A rectangle has length 13 cm and width 5 cm. Find the perimeter in metres.

# Push Tasks



**1.** A rectangle is 13 m by 8 m. If each side is increased by 4 m, what is the new perimeter?

**2.** A rectangle is 22 m by 4 m. If each side is increased by 3 m, what is the new perimeter?

**3.** A rectangle is 9 m by 6 m. If each side is increased by 5 m, what is the new perimeter?

**4.** A rectangle is 9 m by 14 m. If each side is increased by 3 m, what is the new perimeter?

**5.** A rectangle is 7 m by 9 m. If each side is increased by 5 m, what is the new perimeter?

**6.** A rectangle is 15 m by 11 m. If each side is increased by 5 m, what is the new perimeter?

**7.** A rectangle is 18 m by 3 m. If each side is increased by 3 m, what is the new perimeter?

**8.** A rectangle is 18 m by 9 m. If each side is increased by 8 m, what is the new perimeter?

**9.** A rectangle is 23 m by 14 m. If each side is increased by 2 m, what is the new perimeter?

# Push Tasks



**10.** A rectangle is 23 m by 9 m. If each side is increased by 5 m, what is the new perimeter?

**11.** A rectangle is 5 m by 8 m. If each side is increased by 4 m, what is the new perimeter?

**12.** A rectangle is 17 m by 9 m. If each side is increased by 6 m, what is the new perimeter?

**13.** A rectangle is 22 m by 15 m. If each side is increased by 6 m, what is the new perimeter?

**14.** A rectangle is 12 m by 10 m. If each side is increased by 3 m, what is the new perimeter?

**15.** A rectangle is 13 m by 9 m. If each side is increased by 5 m, what is the new perimeter?

**16.** A rectangle is 5 m by 9 m. If each side is increased by 4 m, what is the new perimeter?

**17.** A rectangle is 17 m by 14 m. If each side is increased by 3 m, what is the new perimeter?

**18.** A rectangle is 19 m by 5 m. If each side is increased by 6 m, what is the new perimeter?

# Push Tasks



**19.** A rectangle is 22 m by 3 m. If each side is increased by 5 m, what is the new perimeter?

**20.** A rectangle is 23 m by 12 m. If each side is increased by 7 m, what is the new perimeter?

**21.** A rectangle is 5 m by 4 m. If each side is increased by 7 m, what is the new perimeter?

**22.** A rectangle is 18 m by 5 m. If each side is increased by 8 m, what is the new perimeter?

**23.** A rectangle is 19 m by 5 m. If each side is increased by 2 m, what is the new perimeter?

**24.** A rectangle is 13 m by 9 m. If each side is increased by 4 m, what is the new perimeter?

**25.** A rectangle is 11 m by 10 m. If each side is increased by 4 m, what is the new perimeter?

**26.** A rectangle is 15 m by 15 m. If each side is increased by 5 m, what is the new perimeter?

**27.** A rectangle is 13 m by 15 m. If each side is increased by 8 m, what is the new perimeter?