

## Rich Task

(Area and  
Perimeter)

# Designer Paddock

Farmer Robyn needs to design a paddock that has an area of 48 metres squared. She will then need to build a fence around the perimeter of her paddock at a cost of \$23 per metre.

Design and draw Farmer Robyn's new paddock and work out the cost of putting a fence around it. Record all your thinking.

### Extension:

- Come up with a second design for the paddock.
  - How much cheaper or more expensive would it be to fence than your first design?
  - Consider both paddock designs. Which would be more useful to Farmer Robyn? Why?

