**Dinky King 5 – Pythagorean Platforms - Answers**

Dinky King’s creators have designed a new platform game where our hero Murrio has to race along various paths avoiding barrels, but the designers aren’t sure how long some of the paths have to be.

Can you help by finding the lengths marked with a letter rather than a number?

Dinky King

![C:\Documents and Settings\al\Local Settings\Temporary Internet Files\Content.IE5\ULMOKBU9\MC900084226[1].wmf]()

Damsel

![C:\Documents and Settings\al\Local Settings\Temporary Internet Files\Content.IE5\ULMOKBU9\MC900132643[1].wmf]()

Barrel

![C:\Documents and Settings\al\Local Settings\Temporary Internet Files\Content.IE5\8L4J49UP\MC900016825[1].wmf]()

e = $\sqrt{32}$ = 5.7cm

d = $\sqrt{72.09}$ = 8.5cm

7.2cm

8cm

e = $\sqrt{32}$ = 5.7cm

4.5cm

c = $\sqrt{29}$ = 5.4cm

Barrel

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5cm

2cm

b = $\sqrt{90}$ = 9.5cm

Barrel

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3cm

9cm

a = $\sqrt{74}$ = 8.6cm

Murrio



5cm

7cm