

4. Percent:

You need to buy some presents for your family. You have decided to buy everyone (your sister, your brother and your mom) a Nintendo DS. Luckily, two stores near your house have a sale on Nintendo DS game systems.

- **Futurestore** has a buy 2 get one 3 sale. A Nintendo DS regularly costs \$270.99.
- **Stapler** is selling all of their Nintendo DS systems at 20% off. A Nintendo DS regularly costs \$220.99.

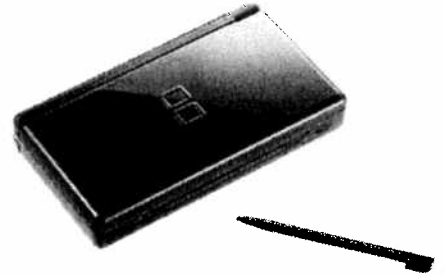
Where should you buy all of your presents?

Futurestore

$$\begin{aligned} \text{cost} &= 2(270.99) \\ &= \$541.80 \text{ for } 3 \end{aligned}$$

title

units



Stapler

$$\begin{aligned} \text{cost} &= 80\% \text{ of } 3(220.99) \\ &= 0.8 \times 3(220.99) \\ &= 0.8 \times 662.97 \\ &= \$530.38 \text{ for } 3 \end{aligned}$$

Conclusion

\therefore You should buy your presents at Stapler because it is \$11.42 cheaper.