

6302-01 Revise doubling and halving (pg 1)

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If we want to double a number such as **243**, we can double the **200**, double the **40** and then double the **3**.

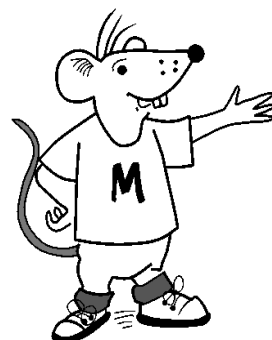
1. Try doubling these numbers using this idea:

a. 136 b. 335 c. 241 d. 443 e. 164 f. 216 g. 315 h. 446

2. Try doubling these more difficult numbers using this idea:

a. 456 b. 375 c. 286 d. 394 e. 428 f. 417 g. 318 h. 572

We can do the same thing with halving.
Half of **952** is:
half of **900** add half of **50** add half of **2**.
 $= 450 + 25 + 1$
 $= 476$



3. Try halving these numbers using this idea:

a. 884 b. 432 c. 186 d. 428 e. 248 f. 520 g. 734 h. 282

4. Try halving these more difficult numbers using this idea:

a. 678 b. 962 c. 898 d. 638 e. 744 f. 980 g. 456 h. 586

5. Using these ideas, see how quickly you can work out these little beauties!

a. 359×2 b. 256×2 c. $948 \div 2$ d. 373×2 e. $874 \div 2$
f. $634 \div 2$ g. 623×2 h. 365×2

6302-01 Revise doubling and halving (pg 1)**Answers**

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1. a. 272 b. 670 c. 482 d. 886 e. 328 f. 432 g. 630 h. 892
2. a. 912 b. 750 c. 572 d. 788 e. 856 f. 834 g. 636 h. 1 144
3. a. 442 b. 216 c. 93 d. 214 e. 124 f. 260 g. 367 h. 141
4. a. 339 b. 481 c. 449 d. 319 e. 372 f. 490 g. 228 h. 293
5. a. 718 b. 512 c. 474 d. 746 e. 437 f. 317 g. 1 246 h. 730