# Enrichment Worksheet 1-5

Target Practice

In this activity, your target is an estimate and you take aim with a set of digits. It is your job to create a division problem whose answer is as close as possible to the target. For example, this is how you might aim at the target shown at the right.

about
60

$54 \div 9 = 6$, so $540 \div 9 = 60$.
537 is very close to 540, so
$537 \div 9$ would be very close to 60.
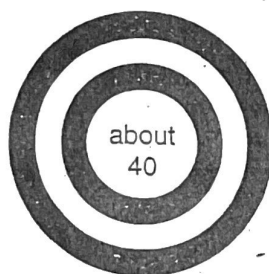
Answer: $\boxed{5}\ \boxed{3}\ \boxed{7} \div \boxed{9}$

digits: 3, 5, **7**, 9

$\square\square\square \div \square$
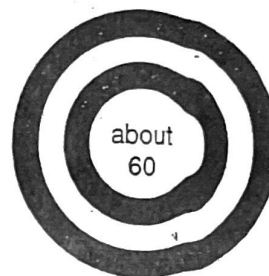
Use the digits to create a division problem whose answer is as close as possible to the target. Each of the given digits should be used exactly once.
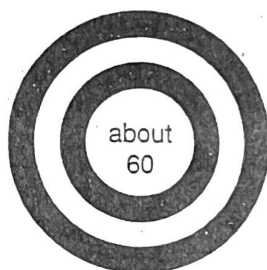
1.
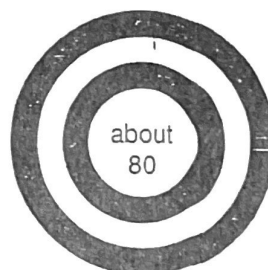
about
40

digits: 2, 4, 6, 8

$\square\square\square \div \square$

2.

about
60

digits: 3, 4, 5, 6

$\square\square\square \div \square$

3.

about
80

digits: 1, 3, 4, 6

$\square\square\square \div \square$

4.

about
200

digits: 1, 3, 4, 6

$\square\square\square \div \square$

5.

about
200

digits: 0, 3, 5, 9

$\square\square\square \div \square$

6.

about
50

digits: 0, 2, 4, 5

$\square\square\square \div \square$
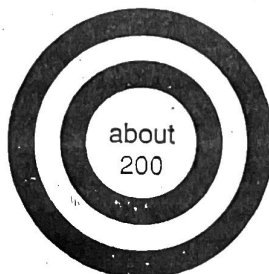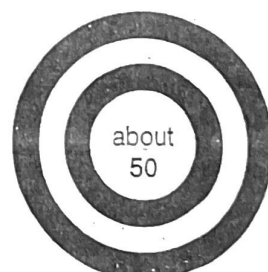
7. **CHALLENGE** Use the digits 0, 2, 4, 6, and 8 to create six different division problems whose answers are close to 500. In each division, each digit can be used exactly once.