1. Fill in the blanks with one of the symbols {<, =, >}. (Remember that the <u>greater</u> value goes on the <u>wide-open</u> side of the *less than* or *greater than* sign; the <u>lesser</u> value on the <u>pointed</u> side.)

Examples: (4 x 5) < 22   and   (4 x 6) > 22

(3 x 8) _____ 23   (8 x 9) _____ 73

(3 x 8) _____ 26   (8 x 9) _____ 79

(3 x 8) _____ 24   (9 x 9) _____ 79

(5 x 7) _____ 37   (4 x 8) _____ 30

(5 x 8) _____ 37   (3 x 8) _____ 30

Examples: 45 ÷ 5 < 10   and   45 ÷ 5 > 8

72 ÷ 8 _____ 10   56 ÷ 7 _____ 7

72 ÷ 8 _____ 8   56 ÷ 7 _____ 8

49 ÷ 7 _____ 6   54 ÷ 9 _____ 7

49 ÷ 7 _____ 8   54 ÷ 9 _____ 5

Example:

> What whole number do I multiply by 6 so that the product (answer) is as close as possible to—*but not greater than*—46?
>
> Answer: **7**
>
> Why—because 6 x <u>7</u> = 42 which is less than 46, and 6 x <u>8</u> = 48 which is greater than 46. So 6 x <u>7</u> is as close as I can get to 46 without getting a value greater than 46.

2. What whole number do I multiply by 5 so that the product (answer) is as close as possible to—*but not greater than*—49?

3. What whole number do I multiply by 4 so that the product (answer) is as close as possible to—*but not greater than*—35?

4. What whole number do I multiply by 8 so that the product is as close as possible to—*but not greater than*—22?

5. What whole number do I multiply by 3 so that the product is as close as possible to—*but not greater than*—29?

6. What whole number do I multiply by 9 so that the product is as close as possible to—*but not greater than*—60?

7. What whole number do I multiply by 7 so that the product is as close as possible to—*but not greater than*—34?

8. What whole number do I multiply by 20 so that the product is as close as possible to—*but not greater than*—90?

9. What whole number do I multiply by 30 so that the product is as close as possible to—*but not greater than*—130?

10. What whole number do I multiply by 40 so that the product is as close as possible to—*but not greater than*—150?

11. What whole number do I multiply by 50 so that the product is as close as possible to—*but not greater than*— 240?

12. What whole number do I multiply by 60 so that the product is as close as possible to—*but not greater than*—200?

13. What whole number do I multiply by 60 so that the product is as close as possible to—*but not greater than*—150?