



Use the patterns to answer the questions.

1) Pattern A	8	11	14	17	20
Pattern B	4	7	10	13	16

The patterns above are synchronized. If the number in pattern A is 192, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	16	24	32	40	48

The patterns above are synchronized. If the number in pattern A is 20, what will be the number in pattern B?

3) In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 20th number end in a 5 or a 0?

4) In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 24th number in the pattern?

5) A pattern starts with 3. The second number is a 11. The third is a 19. Fourth is a 27 and fifth is 35. If you double the 23rd number in the pattern, will the result be even or odd?

6) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 13th number in the pattern be even or odd?

7) A pattern starts with 2. The second number is a 4. The third is a 6. Fourth is a 8 and fifth is 10. If the pattern continues will the 10th number in the pattern be even or odd?

8) A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is 40. If the pattern continues will the 19th number in the pattern be even or odd?

9) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues will the 19th number in the pattern be even or odd?

10) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues will the 12th number in the pattern be even or odd?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers

1. 188

2. 160

3. 0

4. 240

5. even

6. odd

7. even

8. even

9. odd

10. even