

# thanks!

thank you for downloading this freebie! if you like these worksheets, consider checking out my diving into patterns and relationships game pack!



please visit my blog or shops to let me know what you think! :)

amber polk

adventures of a third grade teacher

<http://amber-polk.blogspot.com>

<http://www.teacherspayteachers.com/store/amber-polk>

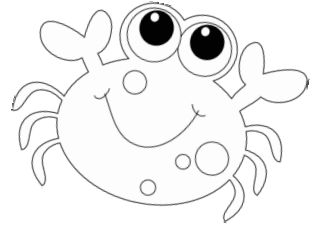
<http://teachersnotebook.com/shop/adpolk/>

graphics by: kpm doodles  
fonts by: kevin and amanda



name: \_\_\_\_\_

# number sequences



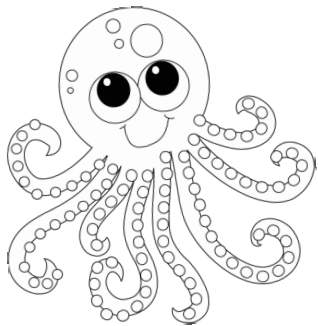
complete the pattern

1. 2, 4, 6, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. 3, 6, 9, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3. 5, 7, 9, 11, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

4. 20, 30, 40, 50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



5. 100, 90, 80, 70, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

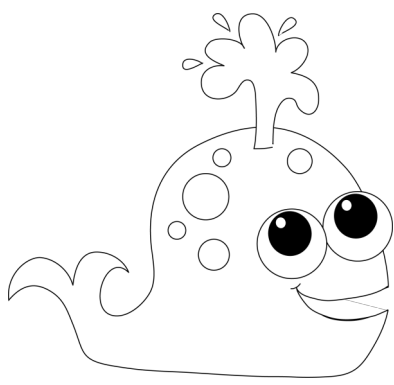
6. 24, 21, 18, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

7. 350, 300, 250, 200, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

8. 27, 31, 35, 39, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

9. 20, 18, 17, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

10. 110, 105, 100, 95, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



name: \_\_\_\_\_

## tables rule!

complete each table. write the rule.

number of dogs	total legs
1	4
2	
5	20
	32
10	

rule: \_\_\_\_\_

mark's age	amber's age
2	6
3	7
4	
	9
10	

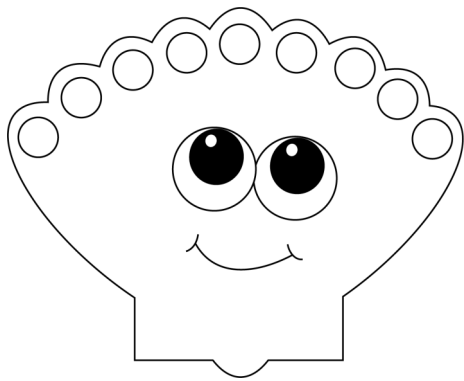
rule: \_\_\_\_\_

number of students	number of equal teams
25	5
	4
15	
	2
5	1

rule: \_\_\_\_\_

original price	sale price
\$10	\$8
\$12	\$10
\$16	
	\$20
\$30	

rule: \_\_\_\_\_



name: \_\_\_\_\_

# numerical expressions

match the correction expression to each sentence.

1. \_\_\_\_\_ fifteen minus one

2. \_\_\_\_\_ three times as many as four

3. \_\_\_\_\_ twelve split into three equal groups

4. \_\_\_\_\_ the total of ten and fifteen

5. \_\_\_\_\_ the sum of three and four

6. \_\_\_\_\_ the difference of fifteen and ten

7. \_\_\_\_\_ the product of twelve and three

8. \_\_\_\_\_ fifteen divided by three

9. \_\_\_\_\_ sixteen more than four

10. \_\_\_\_\_ five increased by three

a.  $3 \times 4$

b.  $5 + 3$

c.  $15 \div 3$

d.  $15 - 1$

e.  $4 + 16$

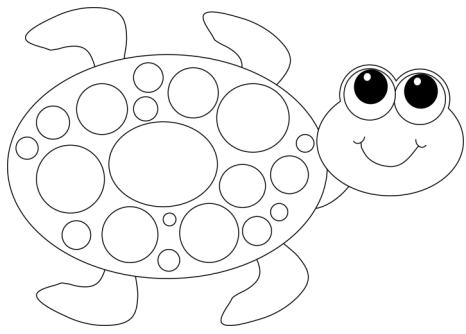
f.  $12 \div 3$

g.  $12 \times 3$

h.  $15 - 10$

i.  $10 + 15$

j.  $3 + 4$



name: \_\_\_\_\_

# comparing expressions

compare each set  
of expressions,  
write  $>$ ,  $<$  or  $=$ .

1.  $4 \times 5$    $15$

2.  $5 + 3$    $10 - 6$

3.  $50 \div 5$    $10$

4.  $47 - 15$    $28 \times 1$

5.  $4 + 16$    $19$

fill in each  
expression so  
it is true.

6.  $21 \div 3 < \underline{\hspace{2cm}}$

7.  $36 - 16 = \underline{\hspace{2cm}}$

8.  $15 + 20 > \underline{\hspace{2cm}}$

9.  $5 \times \underline{\hspace{2cm}} < 15$

10.  $100 - \underline{\hspace{2cm}} > 95$

