

ON-tact
수학학습KIT

평면도형 학습활동

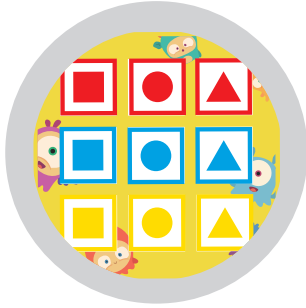
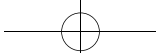
속성블록

교과영역 : 2학년 1학기 2. 여러 가지 도형

5. 분류하기



창의와날개

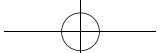


속성블록 학습꾸러미 평면도형 학습 활동

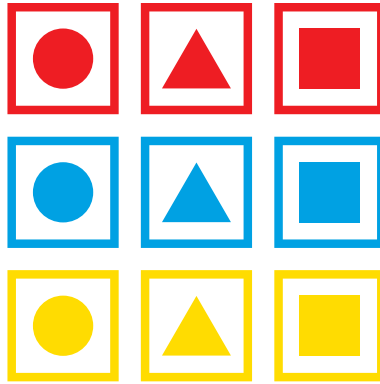
교과영역 : 2학년 1학기 2. 여러 가지 도형
5. 분류하기

속성블록 학습지도안

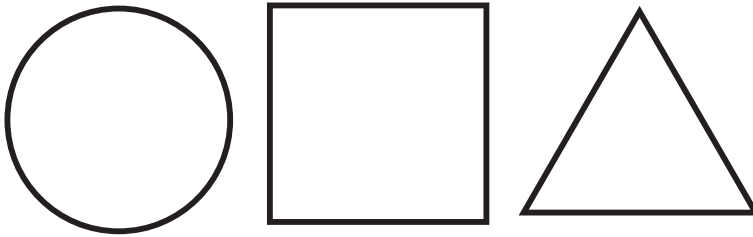
학습주제	도형의 모양 인식을 통한 특징 이해	
학습목표	도형의 속성을 통해 분류하며 논리적 사고력을 키웁니다.	
준비물	속성블록	
학습흐름	학습활동	시간
학습준비 (도입)	<ol style="list-style-type: none"> 1. 속성블록 조각을 살펴봅니다. 2. 조각의 특징을 알아봅니다. 3. 색깔과 도형의 모양으로 분류합니다. 	20분
학습활동 (전개)	<ol style="list-style-type: none"> 1. 규칙을 알고 조각의 위치를 알아봅니다. 2. “반드시”와 “또는”에 대해 위치를 통해 알아봅니다. 3. 수연산을 통해 숫자의 자리를 찾아봅니다. 	60분
학습평가 (정리)	조각놀이활동을 통해 규칙을 발견하고 이야기해봅니다.	10분



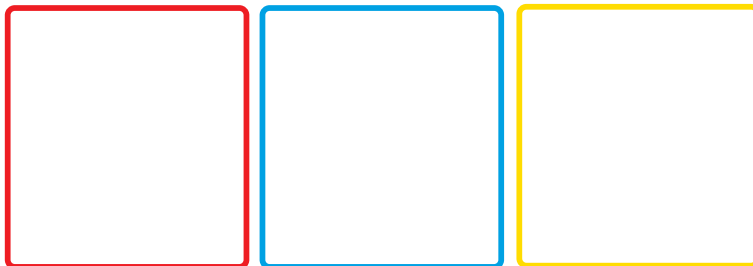
분류란? 같은 성질을 가진 것끼리 종류별로 나누어 놓은 것을 말합니다.
속성블록 조각을 기준에 따라 분류하여 보세요.

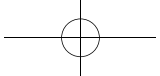


(1) 분류기준 : 모양

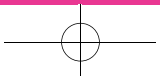
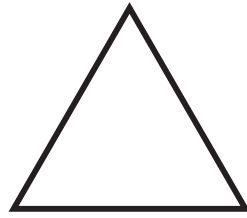
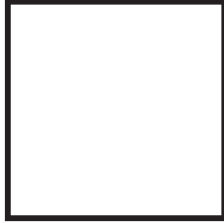
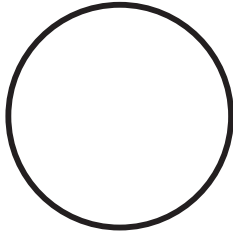


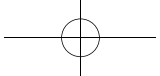
(2) 분류기준 : 색깔



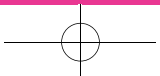
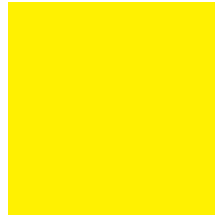


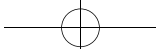
조각을 모양으로 변과 꼭짓점에 대해 이야기 하고 분류하여 보세요.
어떤 특징이 있을까요?





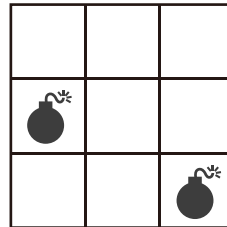
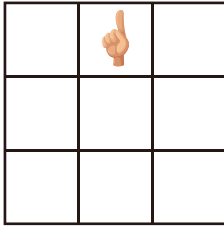
조각을 색깔로 분류하고 이야기해 보세요.



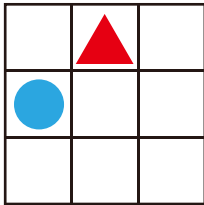
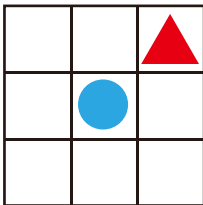
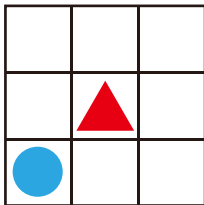
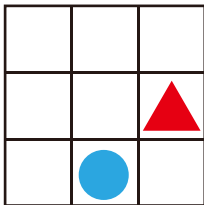
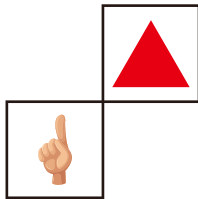


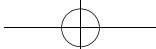
규칙을 알고 속성블록의 자리를 찾아보세요.

1. 화살표 자리에 주어진 모양을 놓습니다. 2. 폭탄 그림이 그려진 곳에는 주어진 그림의 조각을 놓을 수 없습니다.



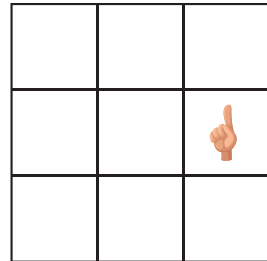
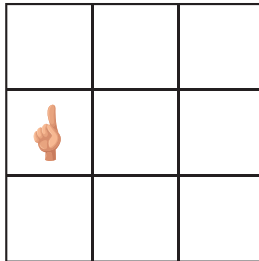
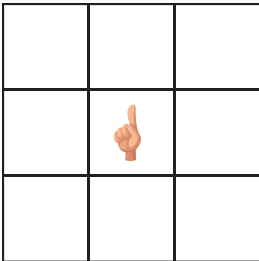
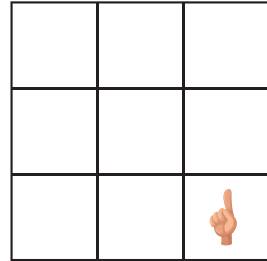
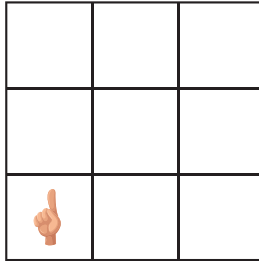
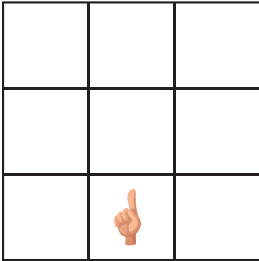
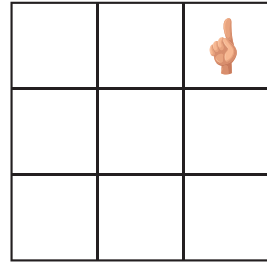
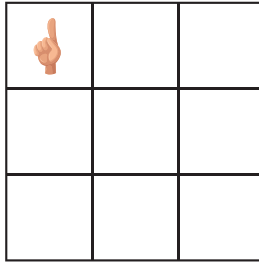
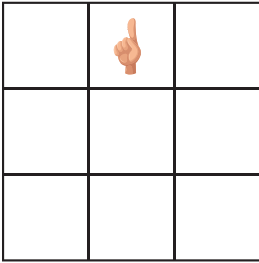
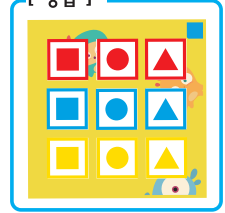
3. 두 개의 모양이 놓이는 자리를 찾아봅니다.

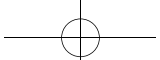




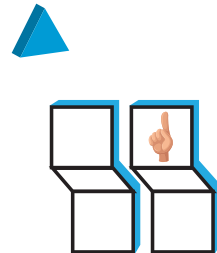
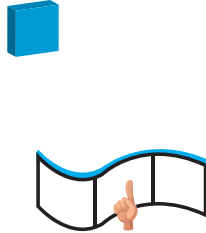
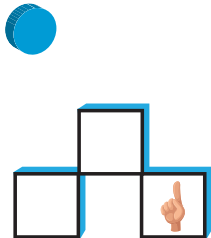
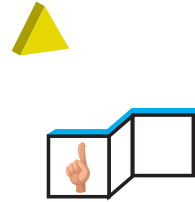
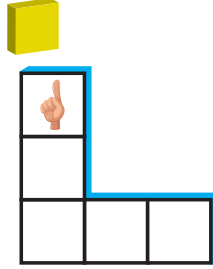
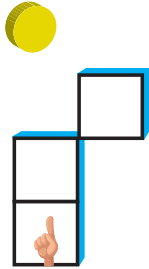
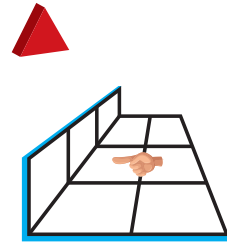
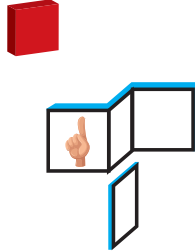
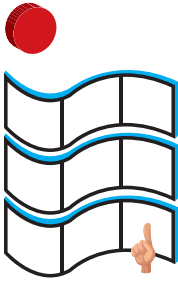
규칙성 규칙대로 놓아보세요.

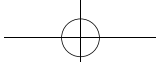
[정답]



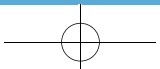
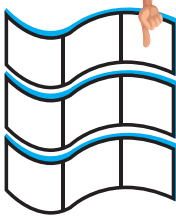
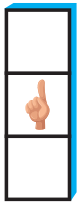
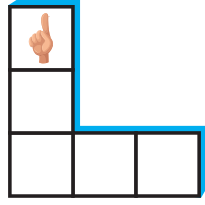
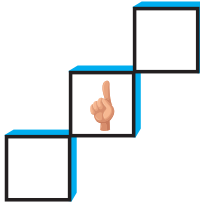
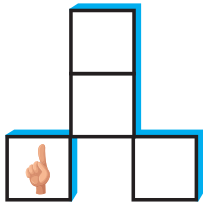
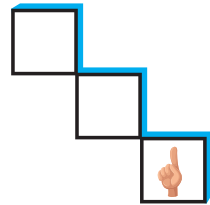
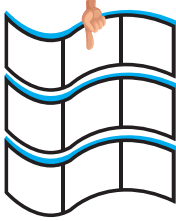
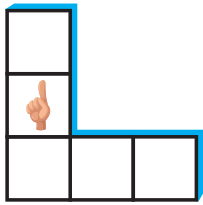


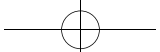
규칙대로 놓아보세요.





규칙성 규칙대로 놓아보세요.





규칙성 규칙을 알고 속성블록의 자리를 찾아보세요.

[준비해요.]

조각 뒷면에 1에서 9까지의 숫자 스티커를 붙여주세요.
숫자 6과 숫자 9의 모양을 약속합니다.



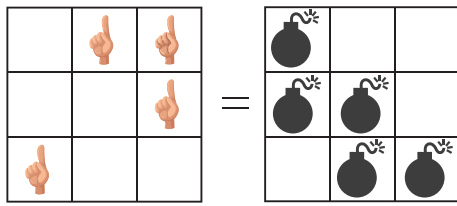
숫자 6



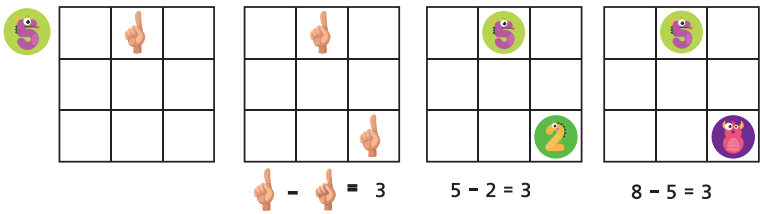
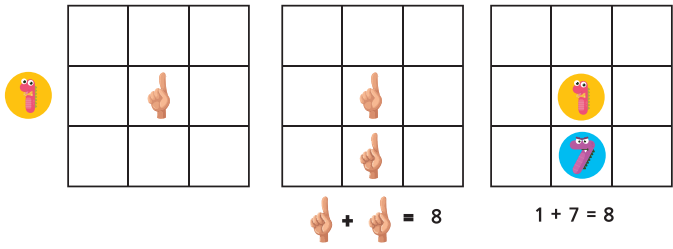
숫자 9

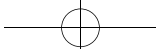
[규칙 : 서로 약속해요]

1. 화살표 자리에는 놓을 수 있고, 폭탄 자리에는 놓을 수 없습니다.

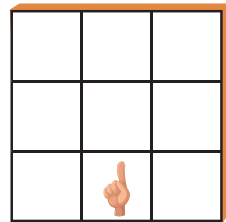
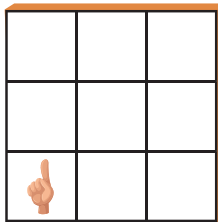
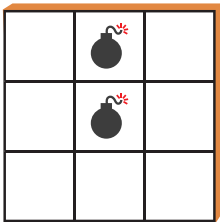
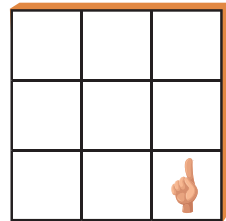
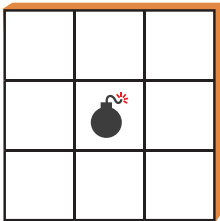
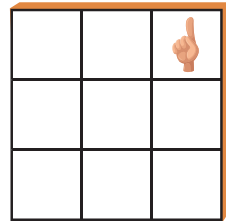
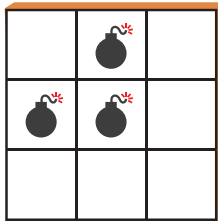
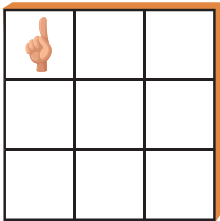


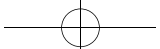
2. 수 연산으로 자리를 찾습니다.





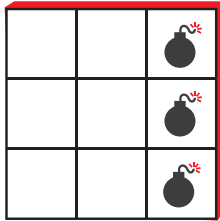
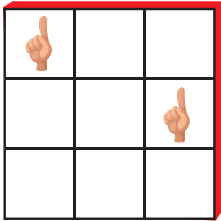
다음 주어진 숫자의 자리를 찾아 올려 놓아 보세요.



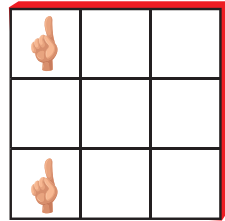


규칙성 규칙대로 놓아보세요.

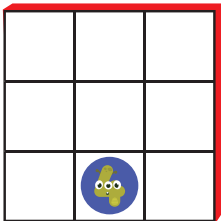
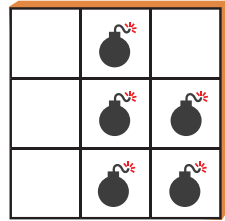
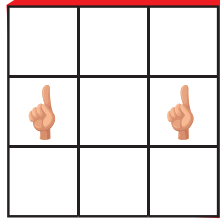
$1 + 1 = 3$

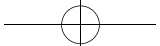


$1 + 1 = 4$



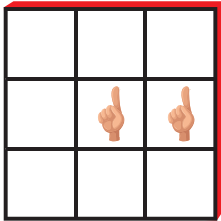
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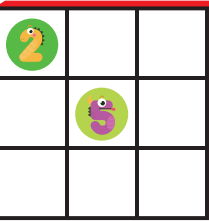
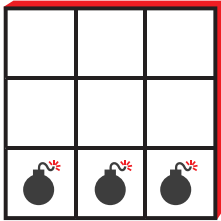
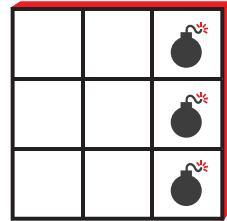
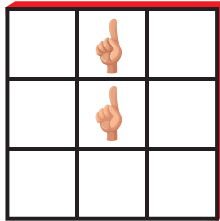


규칙성 규칙대로 놓아보세요.

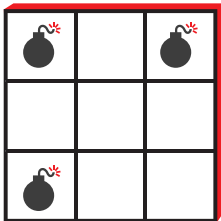
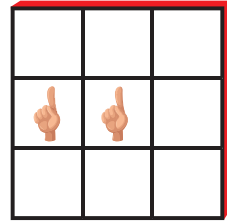
$1 - 1 = 4$



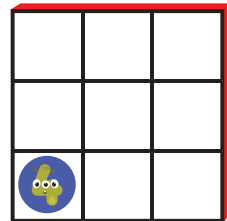
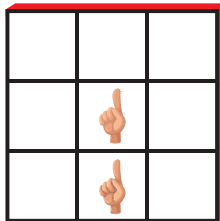
$1 - 1 = 2$

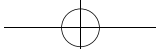


$1 - 1 = 4$

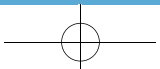
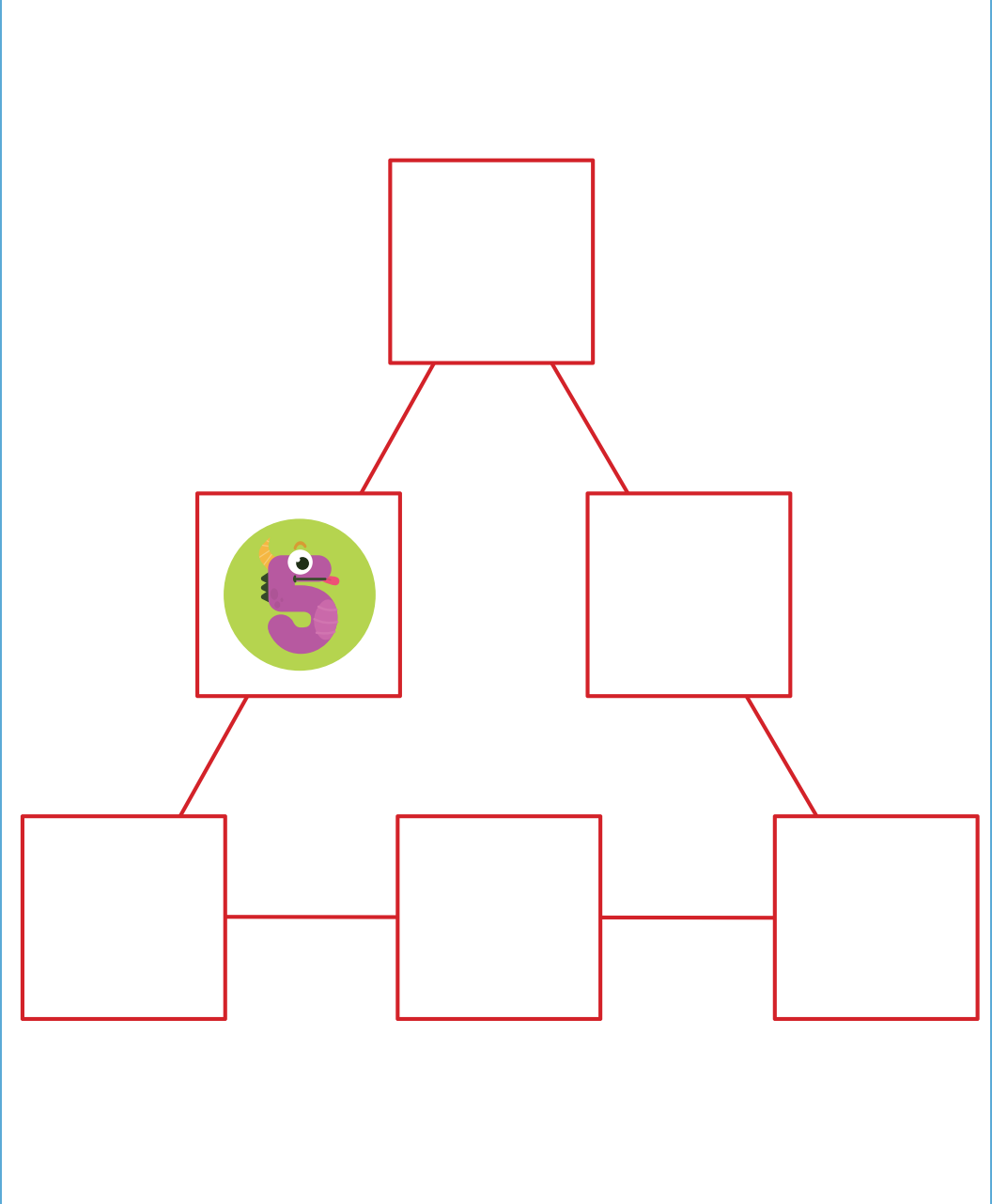


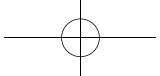
$1 - 1 = 2$





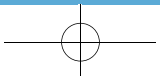
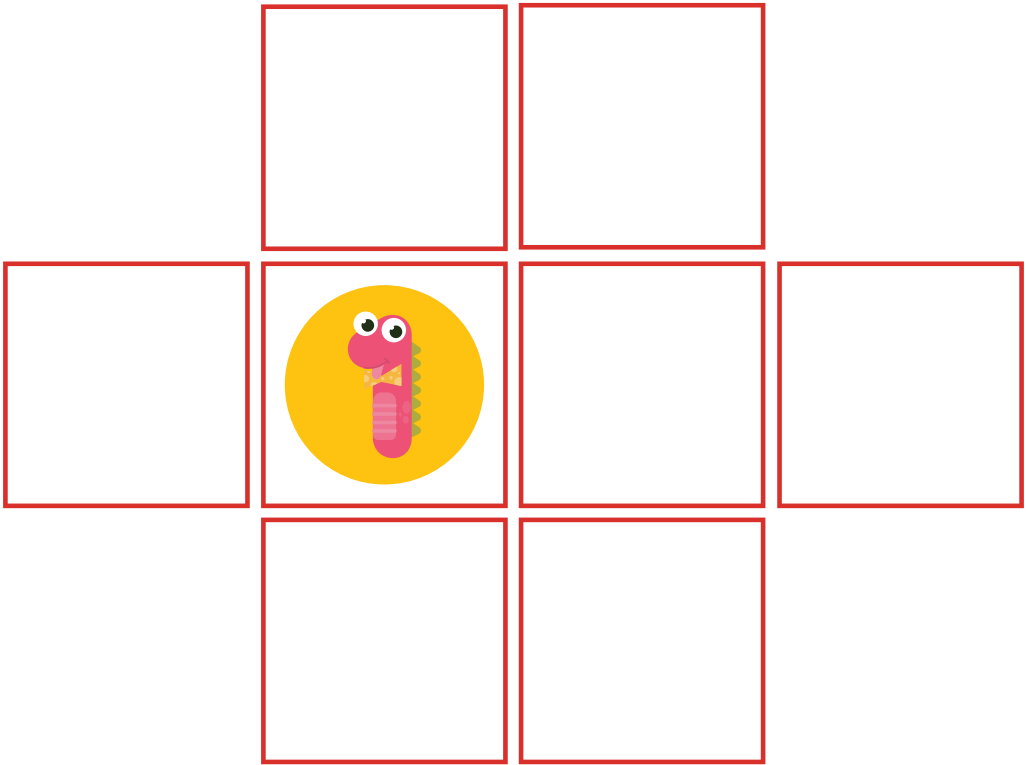
삼각형 세 변의 합이 같도록 1에서 6까지의 숫자 조각의 자리를 찾아보세요.

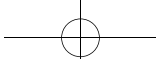




1에서 8까지 숫자 조각의 자리를 찾아보세요.

위, 아래, 오른쪽, 왼쪽, 대각선에는 연결된 숫자를 놓을 수 없습니다.





원, 삼각형, 사각형 도형 그림에 빨간색, 파란색, 노란색으로
모두 9가지 공통된 속성(모양, 색깔, 다각형, 원)으로
분류하여 나타낼 수 있습니다.



1. 속성블록

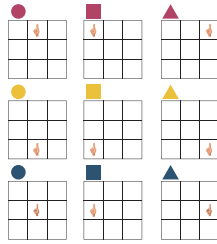
분류된 블록을 보고 공통적인 속성을 찾아 분류된 블록 중에서 잘못 분류된 것
찾기, 한 두 가지 속성을 정하여 분류하기 등을 활동합니다.



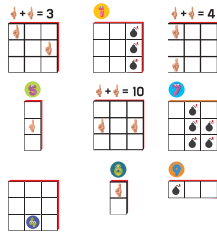
2. 다음 설명을 듣고 블록을 찾아봅니다.



- 나는 변이 3개입니다. 나는 빨간색입니다. 나는 날카롭게 생겼습니다.
- 나는 변이 4개입니다. 나는 노란색입니다. 수학책 모양입니다.
- 나는 변이 없습니다. 나는 파란색입니다. 종이컵 윗부분 모양입니다.



3. 조건에 따른 속성블록의 위치를 알아봅니다.



4. 조건에 따른 숫자블록의 위치를 알아봅니다.

속성블록
학습효과



- 삼각형과 사각형의 변 또는 꼭짓점의 수의 이름을 일반화하는 활동을 통해 정보처리능력을 기를 수 있습니다.
- 속성블록의 특징을 관찰하여 분류 기준을 찾아내는 활동을 통해 수학적 사실 분석 능력을 기를 수 있습니다.
- 1에서 9까지 숫자블록으로 퍼즐의 위치를 찾고 추론 과정을 통해 비판적 평가와 되돌아보는 능력을 기릅니다.
- 오른쪽에 QR코드를 스캔하시면 활동자료를 인쇄 할 수 있습니다.(유아-초등)



www.nemosemo.co.kr | 1670-7209 | 본 활동지의 저작권은 (주)창의와날개에 있으며, 무단 복제 및 무단 배포를 금지합니다.